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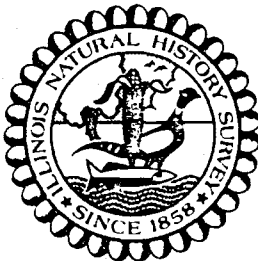
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June 1987

ILLINOIS NATURAL HISTORY SURVEY



Section of Wildlife Research

FINAL REPORT SUBMITTED TO
ILLINOIS DEPARTMENT OF CONSERVATION

Aerial Census of Canada Geese and Waterfowl
1 July 1986 - 30 June 1987

by

Stephen P. Havera

30 June 1987

AERIAL CENSUS OF CANADA GEESE AND WATERFOWL

The Illinois River valley from Spring Valley south to Grafton and the Mississippi River valley from Moline, Illinois, south to Alton, Illinois, were periodically inventoried for waterfowl during the 1986 fall migration and the 1987 spring migration. Fall aerial inventories were conducted along the Illinois and central Mississippi river valleys on 8 and 15 September; 20 and 27 October; 3, 10, 17, and 24 November; and 10 December. The midwinter survey was flown on 5 January. Selected cooling lakes and reservoirs in central and southern Illinois were inventoried on 11 December and 6 January. Spring waterfowl censuses were made on 2, 9, 16, 23, and 30 March and on 6 and 16 April 1987.

Peak numbers of ducks were lower in both river valleys during the fall of 1986 than during the fall of 1985 but were higher than the unusually low peaks recorded for fall 1984. The peak number of all ducks censused in the Illinois Valley was 476,040 on 3 November 1986 as compared with 847,165 on 28 October 1985 and a 1981-1985 5-year mean of 478,804. The peak number of ducks in the Mississippi Valley decreased from 772,190 on 4 November 1985 to 590,475 on 10 November 1986 and remained below the 1981-1985 5-year mean of 602,024. Green-winged teal, wigeon, shoveler, scaup, and ring-necked ducks showed the largest decreases in peak numbers in both river valleys from 1985 to 1986. The only species with higher peak numbers in 1986 than 1985 were the ruddy duck in the Illinois Valley and the canvasback in the Mississippi Valley.

Peak numbers of all Canada geese decreased in the Illinois Valley from an unusually high peak of 80,420 in November 1985 to 18,760 in December

1986, and in the Mississippi Valley from 43,700 to 18,030. Widespread flooding of the river system during November 1985 was probably responsible for the unusually large numbers of geese surveyed in 1985. Five-year (1981-1985) means of peak numbers of Canada geese in the Illinois and Mississippi valleys are 23,047 and 17,610, respectively, and are comparable to the 1986 peaks.

No aerial censuses were made during the spring of 1986, but 1987 spring peak numbers for most species of waterfowl were lower than the 1985 peaks. In 1987, mallards peaked at 69,010 in the Illinois Valley and 23,965 in the Mississippi Valley as compared with 99,370 in the Illinois and 43,350 in the Mississippi during spring 1985. A few species including pintails, blue-winged teal, shovelers, goldeneyes, and coots were observed in greater concentrations during spring 1987. Canada geese showed a similar trend decreasing from peaks of 77,415 and 12,155 birds in the Illinois and Mississippi valleys, respectively, in the spring of 1985 to peaks of 40,255 in the Illinois and 11,680 in the Mississippi in the spring of 1987.

PREPARED BY:

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DATE: 30 June 1987

APPROVED BY:

A handwritten signature in dark ink, appearing to read "Glen C. Sanderson", is written over a horizontal line.

Glen C. Sanderson, Head
Section of Wildlife Research
Illinois Natural History Survey

KEY TO SPECIES NAMES ON CENSUS FORMS

Mallard		
BLK	=	Black duck
PNT	=	Pintail
BWT	=	Blue-winged teal
GWT	=	Green-winged teal
WIG	=	Wigeon
GAD	=	Gadwall
SH	=	Shoveler
SCAUP	=	Lesser and greater scaup
RN	=	Ring-necked duck
CNVB	=	Canvasback
RH	=	Redhead
RDY	=	Ruddy duck
GLD	=	Goldeneye
BH	=	Bufflehead
OLDSQ	=	Oldsquaw
C. MERG	=	Common merganser
RB. MER	=	Red-breasted merganser
H. MER	=	Hooded merganser
TOT. DUCK	=	Total ducks
CG	=	Canada geese
SM. CG	=	Small Canada geese
GT. CG	=	Giant Canada geese
TOT. CG	=	Total Canada geese
B&SG	=	Blue and snow geese
PEL	=	Pelican
MUTESW	=	Mute swan
WH.SWN	=	Whistling swan
COOT		

FALL CENSUSES

WATERFOUL CENSUS DATA

Date : 09/08/86

UPPER ILLINOIS VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BWT	GWT	WIG	GAD	SK	SCAUP	RN	CNVB	RH	RDY	GLD	BH	OLDSC	C-MER	RB-MER	H-MER	TOT.DUCK	CG	SM.CG	GT.CG	TOT.CG	COOT
Turner Lk.	40			75	15															130				0	
	250			800	75															1,125				0	
	60			150	25															235				0	
Bureau Ponds																					0			0	
	900	10	80	2,300	250	150	100													3,790	400			400	
Senachwine	375	5	40	1,000	75	80	40													1,615	125			125	
Siebold	30			150																180				0	
	60			500	40	20														620	30			30	
	50			700	100															850	25			25	
Weis Lk.	15			125																140				0	
	25			80																105				0	
	10			30																40				0	
Sawyer	20			275	50															345	10			10	
	50			60																110				0	
	30			150																180				0	
Meadow	10			40																50				0	
	900	10	125	1,600	200	150	275													3,260				0	
	60			80																140				0	
Upper Peoria	125			250	40															415				0	
	30			60																90		30		30	
	175			600	125	75	50													1,025		150		150	
	225			450	75	30	20													800		60		60	
TOTAL UPPER	3,440	25	245	9,475	1,070	505	485	0	0	0	0	0	0	0	0	0	0	0	0	15,245	590	0	240	830	0
TOTAL LOWER	7,765	15	0	13,945	1,510	320	0	0	0	0	0	0	0	0	0	0	0	0	0	23,555	0	0	12,100	2,100	0
TOTAL	11,205	40	245	23,420	2,580	825	485	0	0	0	0	0	0	0	0	0	0	0	0	38,800	590	0	12,340	2,930	0

WATERFOAL CENSUS DATA

Date : 09/08/86

LOWER ILLINOIS VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PRT	BUT	GUT	WIG	GAD	SH	SCAUP	RN	CNVB	RH	RDY	GLD	BH	OLD SQ	C. MERG	RB. MER	H. MER	TOT. DUCK	CG	SH. CG	GT. CG	TOT. CG	CG	COOT
Manito Ditches	60																			60					0	
Spoon Riv. Btms.	30																			30					0	
Spring Lk.	800			350	50	40														1,240			125	125		
Rice Lk.	1,300			1,900	150	30														3,380			200	200		
Duck Creek C. Lk	25			30																55			400	400		
Banner Marsh																										
Big Lk.	350	5		900	100	25														0					0	
Goose Lk.	175			600	80	60														1,380			175	175		
Clear Lk.	1,200	5		2,500	350	75														915			40	40		
Chautauqua	500			1,500	175	50														4,130			100	100		
																				2,225			150	150		
Quiver Cr.	250			300	40															590			100	100		
Quiver Lk.	80			450	60															590			30	30		
Negro Lk.	125			200																325			75	75		
Bath Lk.	40			125																165					0	
Grass Lk.	25			80	20															125					0	
Anderson	80			175	30																					
Moscow	175			500	75	10														285			40	40		
Jack Lk.	600	5		1,200	150	30														760			20	20		
Snicarte	15			40																1,985			125	125		
Ingram Lk.	150			125																55					0	
																				275			30	30		
Stewart	50			250	25															325			150	150		
Crane Lk.	500			700	60															1,260			75	75		
Cuba Is.	350			275	20															645			200	200		
Chain Lk.	80			150																230					0	
Sangamon	25			80																105					0	
Treeday	275			650	50															975			40	40		
Muscooten	10																			10					0	
Big Prairie	30			40																70					0	
Meredosia	450			800	75															1,325			25	25		
Smith Lk.	15			25																40					0	
Meredosia-Godar																				0					0	
TOTAL LOWER	7,765	15	0	13,945	1,510	320	0	0	0	0	0	0	0	0	0	0	0	0	0	23,555	0	0	2,100	2,100		0

WATERFOUL CENSUS DATA

DATE: 09/08/86

UPPER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BWT	GWT	WLG	GAD	SH	SCAUP	RN	CNVB	RH	RDY	GLD	BH	OLDS	C.HER	RB.HER	N.HER	TOT.DUCK	CG	SH.CG	GT.CG	TOT.CG	PEL	COOT
Keokuk-Nauvoo	900	10		700	125	75	30													1,840				0		
Arthur Refuge	150			125	40	10														325				0		
Nauvoo-Ft. Mad.	1,600	15	175	2,800	300	150	40													5,080				0		
Ft. Mad.-Dallas	350		20	900	75	40	15													1,400				0		
Dallas-Burl.	90			375	50	20														535				0		
Turkey Slough	10																			10				0		
Burl.-Oquawka	225		75	650	80	85	10													1,125				0		
Crystal Lk.	65			250	25															340				0		
Oquawka Refuge	50			400	40															490				0		
Oqu.-Keithsburg	80			225	50	20														375				0		
Keithsburg Ref.	40			175	25															240				0		
New Boston																				0				0		
Louisa Refuge	200			650	60															910	350			350	200	
Louisa-Musc.	25			65																90	20			20	35	
Musc.-Moline	25			175	30															230	40			40	50	
TOTAL UPPER	3,810	25	270	7,490	900	400	95	0	0	0	0	0	0	0	0	0	0	0	0	12,990	410	0	0	410	0	285
TOTAL LOWER	2,570	0	0	4,105	325	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,000	240	0	0	240	35	0
TOTAL	6,380	25	270	11,595	1,225	400	95	0	0	0	0	0	0	0	0	0	0	0	0	19,990	650	0	0	650	35	285

WATERFOOL CENSUS DATA

DATE: 09/08/86

LOWER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BVT	GWT	WIG	GAD	SH	SCAUP	RN	CNVB	RH	RDY	GLD	BH	OLDS	C.MERG	RB.MER	H.MER	TOT.DUCK	CG	SH.CG	GT.CG	TOT.CG	PEL	COOT
Godar Stump	40			100																140				0		
	400			700	75															1,175				0		
Flat, Swan Gilbert	1,000			1,500	150															2,650				0	35	
	25			80																105				0		
Grafton-Alton Hager	50			35																85				0		
	75			225																300				0		
Marlas Temp Dardenne	15			30																45				0		
	150			80																230	60			60		
Cuivre Batch Pool	75			50																125				0		
	80			75	20															175	150			150		
Batch Refuge Gilead	150			400	60															610	15			15		
	65																			65				0		
Cannon Refuge Duck Club	30			50																80				0		
	100			75																175	15			15		
Calumet Refuge Sny Slough																				0				0		
																				0				0		
Delair Refuge La.-Saver.	125			250																375				0		
	40			80																120				0		
Shanks Refuge Saver.-Hannibal	50			50																100				0		
	25			150	20															195				0		
Gardner Club Hannibal-quincy	15																			15				0		
	40			75																115				0		
Quincy-Meyer Gardner Refuge	20			40																60				0		
				60																60				0		
Meyer-Keokuk TOTAL LOWER																										
	2,570	0	0	4,105	325	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,000	240	0	0	240	35	0

WATERFOUL CENSUS DATA

Date : 09/15/86

UPPER ILLINOIS VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BMT	GMT	WIG	GAD	SH	SCAUP	RN	CNVB	RH	RDY	GLD	BH	OLDSQ	C-MER	RB-MER	H-MER	TOT.DUCK	CG	SH.CG	GT.CG	TOT.CG	WK.SW	COOT
Turner Lk.	20			80	15															115				0		
	60			400	125															585				0	30	
	40			250	50	35														375	35			35		
Bureau Ponds	0																			0				0		
	900	10	250	3,500	500	350	175													5,685	400			400	175	
Goose	250		80	1,200	350	175	80													2,135	125			125	100	
Senachwine																										
Stebold	50			175	20	20														265				0		
Sawmill	20			60	30															110	15			15	20	
Billsbach	75			350	60															485	40			40	60	
Weis Lk.	20			75	15															110				0		
Sparland	0																			0				0		
Wightman	0																			0				0		
Sawyer	15			40																55				0		
Hitchcock	40			250	75	50														415				0		
Round Pond	75			150	60															285				0		
Meadow	10																									
Rice Pond	700	5	125	1,400	300	175	50													10				0		
Goose Pond	50			60																2,755	80			80	150	
																				110	20			20		
Upper Peoria	75			550	125	40														790	125			125	80	
Lower Peoria	20			40																60				40	25	
Pekin Lk.	125		50	800	175	80	20													1,250				150	125	
Powerton Lk.	50			350	80	40														520	50			300	200	
TOTAL UPPER	2,595	15	505	9,730	1,980	965	325	0	0	0	0	0	0	0	0	0	0	0	0	16,115	890	0	440	1,330	0	965
TOTAL LOWER	7,330	25	375	20,495	3,270	1,225	270	0	0	0	0	0	0	0	0	0	0	0	0	32,990	0	0	1,795	1,795	0	430
TOTAL	9,925	40	880	30,225	5,250	2,190	595	0	0	0	0	0	0	0	0	0	0	0	0	49,105	890	0	2,235	3,125	0	1,395

WATERFOUL CENSUS DATA

Date : 09/15/86

LOWER ILLINOIS VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BWT	GWT	WTG	GAD	SH	SCAUP	RM	CHVB	RH	RDY	GLD	BH	OLDSD	C.MERG	RB.MER	H.MER	TOT.DUCK	CG	SM.CG	GT.CG	TOT.CG	WH.SUM	COOT
Manito Ditches	25																			25						
Spoon Riv. Btms.	50			125	30															205			40			
Spring Lk.	800	5		600	150	125	40													1,720			125			40
Rice Lk.	600	5	30	900	125	80	10													1,750			30			
Duck Creek C. Lk	80			50																130			400			
Banner Marsh	150		40	400	60	50	15													715			250			25
Big Lk.	900	10	50	1,800	350	75	25													3,210			75			60
Goose Lk.	75			350	80															505			50			
Clear Lk.	1,300	5	75	3,400	400	175	40													5,395			125			50
Chautauqua	700		50	2,600	250	125	20													3,745			200			75
Quiver Cr.	250			400	75	40														765			80			
Quiver Lk.	40			250	20															310			0			
Negro Lk.	10																			10			0			
Bath Lk.	30			125																155			0			
Grass Lk.	10			275	40															325			0			
Anderson	150			300	60	10														520			0			
Moscow	60			650	80															790			0			
Jack Lk.	700		50	2,800	500	175	60													4,285			50			40
Snicarte	20			75																95			0			
Ingram Lk.	175			500	75	30														780			0			
Stewart	40			250	30															320			20			30
Crane Lk.	300		80	1,500	250	200	40													2,370			125			50
Cuba Is.	150			600	80	50	20													900			200			
Chain Lk.	40			200	50															290			0			
Sangamon	50			400	125															575			0			
Treedkay	175			1,100	250	30														1,555			25			
Muscototen	10			25																35			0			
Big Prairie	15			40																55			0			
Meredosa	400			700	175	60														1,335			0			60
Smith Lk.	25			80	15															120			0			
Meredosa-Godard																				0			0			
TOTAL LOWER	7,330	25	375	120,495	3,270	1,225	270	0	0	0	0	0	0	0	0	0	0	0	0	32,990	0	0	1,795	1,795	0	430

WATERFOWL CENSUS DATA

DATE: 09/15/86

UPPER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	HALLARD	BLK	PNT	BUT	GUT	WIG	GAD	SH	SCALP	RN	CWVB	RH	RDY	GLD	BH	JOLDS	C-MER	RB-MER	H-MER	TOT. DUCK	CG	SM. CG	GT. CG	TOT. CG	B&SG	PEL	COOT
Keokuk-Nauvoo	350	10	125	600	80	175	80													1,420	60			60			400
Arthur Refuge	80		25	250	50	60	20													485				0			50
Nauvoo-Ft. Mad.	1,600	15	300	3,500	600	600	350													6,965	125			125	18		900
Ft. Mad.-Dallas	275		80	1,900	725	175	50													3,205	40			40	4		250
Dallas-Burl.	150		25	350	80	75	80													760	75			75			60
Turkey Slough	20			30																50				0			
Burl.-Oquawka	125		150	800	250	125	40													1,490	30			30			250
Crystal Lk.	30			80	20															130				0			40
Oquawka Refuge	175		40	300	75	50														640				0			80
Oqu.-Keithsburg	100			650	125	75	50													1,000	100			100			350
Keithsburg Ref.	80		25	250	40	30														425				0			125
New Boston	10			35																45				0			
Louisa Refuge	250		60	700	150	80	40													1,280	400			400			300
Louisa-Musc.	60			350	75	60	25													570	60			60			50
Musc.-Moline	40		75	500	125	75	50													865	75			75			400
TOTAL UPPER	3,345	25	905	10,295	2,395	1,580	785	0	0	0	0	0	0	0	0	0	0	0	0	19,330	965	0	0	965	22		3,255
TOTAL LOWER	2,545	15	470	7,245	1,450	400	70	0	0	0	0	0	0	0	0	0	0	0	0	12,195	205	0	0	205	0	50	320
TOTAL	5,890	40	1,375	17,540	3,845	1,980	855	0	0	0	0	0	0	0	0	0	0	0	0	31,525	1,170	0	0	1,170	72		3,575

WATERFOWL CENSUS DATA

DATE: 09/15/86

LOWER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BWT	GWT	WIG	GAD	SH	SCAUP	RN	CNVB	RH	RDY	GLD	BH	OLDS	C.-MERG	RB.-MER	H.-MER	TOT.-DUCK	CG	SM.-CG	GT.-CG	TOT.-CG	B&SG	PEL	COOT
Godar Stump	30			75	20															125				0			
	250		30	700	150	80														1,210				0		75	
Flat, Swan Gilbert	1,000	10	200	2,800	400	175	50													4,635				0	50	60	
	40			60																100				0			
Grafton-Alton Hager	15			80	20															115				0			
	80			250	40															370				0			
Marias Temp Dardenne	20			125	25															170				0			
	500	5	150	600	150	75	20													1,500	40			40			
Cuivre Batch Pool	80		30	200	75	40														425				0		80	
	60			450	175															685				0			
Batch Refuge Gilead	115		60	325	80	30														610				0			
	40			75																115				0			
Cannon Refuge Duck Club	30			60																90				0			
	40			80																120				0			
Calumet Refuge Sny Slough	10			20																30				0			
	0																			0				0			
Delair Refuge La.-Saver.	40			275	75															390	75			75			
	25			125	40															190				0		30	
Shanks Refuge Saver.-Hannibal	50			250	50															350				0			
	15			80	20															115				0			
Gardner Club Hannibal-Quincy	10																			10				0			
	35			125	50															210	30			30			
Quincy-Meyer Gardner Refuge	20			40																60				0			
	0																			0				0			
Meyer-Keokuk	40			450	80															570	60			60		75	
TOTAL LOWER	2,545	15	470	7,245	1,450	400	70	0	0	0	0	0	0	0	0	0	0	0	0	12,195	205	0	0	205	0	50	320

WATERFOAL CENSUS DATA

Date : 10/20/86

UPPER ILLINOIS VALLEY

Robert Crompton

LOCATION	WALLARD	BLK	PMT	BUT	GNT	WIG	GAD	SH	SCAUP	RN	CWB	RH	RDY	C-MER	RB-MER	H-MER	TOT. DUCK	CG	SN. CG	GT. CG	TOT. CG	B&SG	PEL	MUTESW	WH. SWN	COOT
Turner Lk. Deque, Spring Coleman	80	5	0	60	125	0	0	0	0	0	0	0	0	0	0	0	270	0	0	0	0	0	0	0	80	
	275	0	0	0	0	75	20	0	0	0	0	0	0	0	0	0	370	0	0	0	0	0	0	0	450	
	600	20	50	80	125	150	30	0	0	0	0	0	0	0	0	0	1,055	200	0	0	200	0	0	0	600	
Bureau Ponds Goose Senachwine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	6,900	80	800	500	850	1,300	350	125	400	75	80	30	125	0	0	0	11,615	2,300	200	0	2,500	250	0	0	8,500	
	3,400	40	250	75	150	600	175	50	125	30	50	0	60	0	0	0	5,005	1,200	50	0	1,250	175	0	0	5,300	
Stebold Sawmill Billsbach	450	5	60	40	40	125	30	0	0	0	0	0	0	0	0	0	750	75	0	0	75	30	0	0	1,400	
	125	0	0	80	125	40	0	0	30	0	0	0	0	0	0	0	400	0	0	0	0	0	0	0	500	
	80	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	180	25	0	0	25	0	0	0	250	
Wells Lk. Sparland Wightman	100	0	0	30	60	0	0	0	0	0	0	0	0	0	0	0	190	30	0	0	30	0	0	0	75	
	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	125	
	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	60	
Sawyer Hitchcock Round Pond	75	0	0	0	0	0	0	0	60	0	0	0	0	0	0	0	135	0	0	0	0	0	0	0	375	
	800	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	825	175	0	0	175	80	0	0	700	
	375	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	390	50	0	0	50	-0	0	0	125	
Meadow Rice Pond Goose Pond	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	50	
	8,200	80	1,900	350	800	7,500	250	150	150	40	0	0	0	0	0	0	19,420	350	75	0	425	150	0	0	8,000	
	250	5	0	0	0	0	0	0	75	0	0	0	0	0	0	0	330	25	0	0	25	0	0	0	350	
Upper Peoria Lower Peoria Pekin Lk. Powerton Lk.	2,300	25	0	0	0	75	0	0	175	75	100	25	75	0	0	0	2,850	150	0	0	150	30	0	0	6,500	
	400	10	0	0	0	25	0	0	0	0	0	0	0	0	0	0	435	75	0	150	225	30	0	0	1,200	
	1,800	30	250	275	450	800	150	100	60	30	50	0	50	0	0	0	4,045	60	0	80	140	0	0	0	2,300	
	1,000	10	125	75	40	350	75	20	100	0	0	0	20	0	0	0	1,815	50	0	50	100	125	0	0	7,500	
TOTAL UPPER	27,270	350	3,435	1,565	2,765	11,140	1,080	445	1,175	250	280	55	330	0	0	0	50,140	4,765	325	280	5,370	870	0	0	44,440	
TOTAL LOWER	80,450	955	18,585	5,245	3,420	27,935	4,460	620	3,925	1,430	725	175	315	0	0	0	148,240	4,105	565	1,080	5,750	1,610	0	2	0	1129,640
TOTAL	107,720	1,305	22,020	6,810	6,185	39,075	5,540	1,065	5,100	1,680	1,005	230	645	0	0	0	198,380	8,870	890	1,360	11,120	2,480	0	2	0	1176,080

WATERFOUL CENSUS DATA

Date : 10/20/86

LOWER ILLINOIS VALLEY

Robert Crompton

LOCATION	WALLARD	BLK	PNT	BMT	GUT	WIG	GAD	SN	SCAUP	RN	CHVB	RH	RDY	C.MERG	RB.MER	H.MER	TOT.DUCK	CS	SH.CG	GT.CG	TOT.CG	BESG	PEL	MUTESU	HN.SUM	COOT
Kanito Ditches	425	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	505	0	0	0	0	0	0	0	40
Spoon Riv. Btms.	1,200	25	250	300	250	400	0	50	0	0	0	0	0	0	0	0	0	2,475	750	150	60	960	100	0	0	1,200
Spring Lk.	1,300	10	40	150	100	400	60	0	0	0	0	0	0	0	0	0	0	2,060	0	0	40	40	50	0	0	10,000
Rice Lk.	4,800	15	450	400	250	600	150	40	100	0	30	0	0	0	0	0	0	6,835	150	0	200	350	75	0	0	8,000
Duck Creek C. Lk.	150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	150	0	0	350	350	25	0	0	350
Banner Marsh	650	5	175	250	125	275	60	15	40	0	0	0	0	0	0	0	0	1,595	300	50	150	500	225	0	2	1,000
Big Lk.	2,700	10	250	100	75	600	125	30	125	50	80	0	30	0	0	0	0	4,175	250	0	50	300	0	0	0	2,300
Goose Lk.	550	15	80	50	50	125	0	0	50	0	0	0	0	0	0	0	0	920	0	0	0	0	0	0	0	250
Clear Lk.	16,000	175	6,800	350	150	7,500	450	75	375	75	125	40	80	0	0	0	0	32,195	500	75	100	675	250	0	0	16,000
Chautauqua	6,700	80	1,500	125	75	2,100	100	0	250	150	60	0	0	0	0	0	0	11,140	250	40	80	370	175	0	0	19,000
Quiver Cr.	800	15	150	300	175	600	40	0	0	0	0	0	0	0	0	0	0	2,080	50	0	50	100	40	0	0	2,500
Quiver Lk.	75	0	0	0	0	0	0	0	30	0	0	0	0	0	0	0	0	105	0	0	0	0	0	0	0	600
Megro Lk.	300	5	75	125	40	60	0	0	0	0	0	0	0	0	0	0	0	605	0	0	0	0	0	0	0	350
Bath Lk.	150	10	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0	190	0	0	0	0	0	0	0	500
Grass Lk.	350	5	40	0	0	150	25	0	80	40	0	0	0	0	0	0	0	690	0	0	0	0	0	0	0	700
Anderson	600	10	100	450	300	125	50	40	125	50	0	0	0	0	0	0	0	1,850	0	0	0	0	0	0	0	2,300
Moscow	375	15	0	0	0	0	0	0	75	30	0	0	0	0	0	0	0	495	0	0	0	0	0	0	0	250
Jack Lk.	7,500	100	800	150	100	2,800	900	75	600	250	80	20	75	0	0	0	0	13,450	150	0	0	150	0	0	0	12,000
Snicarte	700	20	60	100	150	200	40	50	0	0	0	0	0	0	0	0	0	1,320	0	0	0	0	0	0	0	500
Ingram Lk.	275	15	0	0	0	0	75	0	125	80	30	0	0	0	0	0	0	600	40	0	0	40	40	0	0	3,200
Stewart	125	0	0	0	0	0	0	0	115	50	0	0	0	0	0	0	0	290	0	0	0	0	0	0	0	150
Crane Lk.	6,300	100	1,800	500	350	2,900	1,200	80	450	275	100	40	50	0	0	0	0	14,145	250	0	0	250	180	0	0	18,000
Duba Ia.	2,900	40	700	175	100	1,000	250	40	80	0	0	0	0	0	0	0	0	5,265	400	75	0	475	50	0	0	7,500
Chain Lk.	1,000	15	40	50	0	250	60	0	0	0	0	0	0	0	0	0	0	1,415	0	0	0	0	0	0	0	1,200
Sargason	250	5	0	0	0	60	0	0	0	0	0	0	0	0	0	0	0	315	0	0	0	0	0	0	0	800
Treeday	1,800	25	175	80	80	500	25	0	250	50	30	0	0	0	0	0	0	3,015	40	0	0	40	0	0	0	3,300
Muscotien	25	0	0	0	0	0	0	0	30	0	0	0	0	0	0	0	0	55	0	0	0	0	0	0	0	350
Big Prairie	19,000	200	4,500	1,300	900	6,200	600	75	700	250	150	75	80	0	0	0	0	34,030	800	175	0	975	350	0	0	9,000
Mercedosa	3,200	40	600	250	150	900	250	50	325	80	40	0	0	0	0	0	0	5,885	175	0	0	175	50	0	0	7,500
Smith Lk.	250	0	0	40	0	80	0	0	0	0	0	0	0	0	0	0	0	370	0	0	0	0	0	0	0	800
St. Louis River	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOWER	80,450	955	18,585	5,245	3,420	27,955	4,460	620	3,925	11,430	725	175	315	0	0	0	0	114,240	4,105	565	11,080	5,750	1,610	0	2	129,640

WATERFOAL CENSUS DATA

DATE: 10/20/86

UPPER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BWT	GWT	WTG	GAD	SH	SCAUP	RN	CNVB	RH	RDY	C. MER	RB. MER	H. MER	TOT. DUCK	CG	SM. CG	GT. CG	TOT. CG	B&SG	PEL	MUTESM	WH. SWN	COOT
Keokuk-Nauvoo	750	10	200	50	100	900	250	0	1,500	250	300	60	400	0	0	0	4,770	350	0	0	350	30	0	0	20,000	
Arthur Refuge	900	5	50	175	250	175	60	30	50	0	0	0	0	0	0	0	1,695	0	0	0	0	0	0	0	3,000	
Nauvoo-Ft. Mad.	1,600	20	450	375	400	1,800	600	75	2,400	400	550	100	600	0	0	0	9,370	500	50	0	550	75	0	0	31,000	
Ft. Mad.-Dallas	3,400	50	275	80	150	700	125	50	450	80	25	0	75	0	0	0	5,460	125	0	0	125	20	0	0	7,500	
Dallas-Burl.	1,900	10	600	175	250	1,000	250	80	75	40	0	0	50	0	0	0	4,430	75	0	0	75	0	0	0	3,200	
Turkey Slough	60	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	75	0	0	0	0	0	0	0	250	
Burl.-Oquaka	1,100	15	175	100	350	750	125	40	115	0	40	0	15	0	0	0	2,825	125	0	0	125	50	0	0	2,700	
Crystal Lk.	175	5	30	40	40	125	0	0	0	0	0	0	0	0	0	0	415	40	0	0	40	0	0	0	600	
Oquaka Refuge	400	5	0	50	80	100	0	0	0	0	0	0	0	0	0	0	635	60	0	0	60	0	0	0	500	
Oqu.-Keithsburg	650	20	500	175	250	1,000	275	80	60	0	60	0	25	0	0	0	3,095	350	0	0	350	100	0	0	3,400	
Keithsburg Ref.	800	10	125	80	125	450	100	25	0	0	0	0	0	0	0	0	1,715	30	0	0	30	0	0	0	1,500	
New Boston	50	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	75	0	0	0	0	0	0	0	450	
Louisa Refuge	1,000	20	150	175	250	400	80	30	50	0	0	0	0	0	0	0	2,155	1,700	100	0	1,800	50	0	0	2,500	
Louisa-Musc.	250	5	0	40	75	100	0	0	0	0	0	0	0	0	0	0	470	250	0	0	250	25	0	0	1,800	
Musc.-Moline	80	0	50	0	60	175	0	0	125	30	0	0	0	0	0	0	520	60	0	0	60	0	0	0	900	
TOTAL UPPER	13,115	175	2,605	1,515	2,380	7,675	1,865	410	4,865	800	975	160	1,165	0	0	0	37,705	3,665	150	0	3,815	445	0	0	79,300	
TOTAL LOWER	43,570	630	27,505	9,465	12,310	47,850	6,565	1,075	3,250	1,145	725	340	680	0	0	0	155,110	6,890	450	0	7,340	3,555	0	0	96,400	
TOTAL	56,685	805	30,110	10,980	14,690	55,525	8,430	1,485	8,115	1,945	1,700	500	1,845	0	0	0	192,815	10,555	600	0	11,155	4,400	0	0	175,700	

LOCATION	MALLARD	BLK	PMT	BMT	GUT	WIG	GAD	SH	SCAUP	RN	CHVB	RH	RDY	C.-MERG	RB.-MER	H.-MER	TOT.DUCK	CG	SH.CG	GT.CG	TOT.CG	B&SG	PEL	MUTESH	WH.-SUM	COOT
Godar	650	5	175	350	200	600	125	25	40	0	0	0	0	0	0	0	2,170	0	0	0	0	0	0	0	1,300	
	800	10	650	500	350	1,300	250	80	150	40	0	0	0	0	0	0	4,130	150	0	0	150	60	0	0	4,500	
Flat, Swan	7,800	75	4,600	1,800	2,500	6,200	900	250	300	75	80	60	75	0	0	0	24,715	500	50	0	550	250	0	0	19,000	
	200	5	0	0	0	80	0	0	0	0	0	0	0	0	0	0	285	75	0	0	75	0	0	0	500	
Grafton-Alton	175	5	0	60	30	50	0	0	40	0	0	0	0	0	0	0	360	50	0	0	50	0	0	0	1,500	
	600	10	150	75	0	225	0	0	0	0	0	0	0	0	0	0	1,060	60	0	0	60	0	0	0	3,200	
Marias Temp	1,400	10	600	375	500	900	175	60	75	50	0	0	0	0	0	0	4,145	80	0	0	80	30	0	0	4,000	
	8,500	125	13,000	1,800	2,500	15,000	1,800	250	600	250	175	80	150	0	0	0	44,230	225	50	0	275	900	0	0	16,000	
Culvre	3,200	60	5,500	900	1,600	7,500	600	75	275	80	80	30	60	0	0	0	19,960	75	0	0	75	35	0	0	6,000	
	850	20	350	75	150	650	175	30	350	125	100	50	80	0	0	0	3,005	325	25	0	350	150	0	0	2,800	
Batch Refuge	600	15	850	250	100	1,000	125	40	80	0	0	0	0	0	0	0	3,060	125	0	0	125	25	0	0	1,300	
	250	5	0	0	0	30	0	0	20	0	0	0	0	0	0	0	305	0	0	0	0	0	0	0	650	
Cannon Refuge	14,000	200	1,100	2,800	3,500	13,000	2,100	150	500	300	150	75	200	0	0	0	38,075	2,500	100	0	2,600	1500	0	0	23,000	
	600	10	80	100	175	150	0	15	0	0	0	0	0	0	0	0	1,130	300	0	0	300	150	0	0	400	
Calumet Refuge	400	20	0	0	50	60	0	0	0	0	0	0	0	0	0	0	530	20	0	0	20	0	0	0	250	
	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	75	
Delair Refuge	500	5	0	0	0	75	0	0	60	30	0	15	0	0	0	0	685	1,800	200	0	2,000	300	0	0	1,200	
	250	0	0	30	50	80	0	20	175	50	60	30	40	0	0	0	785	175	25	0	200	75	0	0	1,800	
Sharks Refuge	900	15	300	125	250	500	175	50	40	0	0	0	0	0	0	0	2,355	0	0	0	0	0	0	0	1,000	
	325	10	0	0	30	50	60	10	350	125	80	0	75	0	0	0	1,115	80	0	0	80	30	0	0	2,700	
Gardner Club	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	0	0	0	0	0	0	0	125	
	115	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	140	0	0	0	0	0	0	0	800	
Quincy-Meyer	75	0	0	0	0	25	0	0	30	0	0	0	0	0	0	0	130	40	0	0	40	0	0	0	1,000	
	1,200	25	150	175	250	375	80	20	60	0	0	0	0	0	0	0	2,335	250	0	0	250	50	0	0	1,400	
Meyer-Keokuk	125	0	0	50	75	0	0	0	80	20	0	0	0	0	0	0	350	60	0	0	60	0	0	0	1,900	
TOTAL LOWER	43,570	630	27,505	9,465	12,310	47,850	6,565	1,075	3,250	1,145	725	340	680	0	0	0	155,110	6,890	450	0	7,340	3,555	0	0	96,400	

WATERFOUL CENSUS DATA

Date : 10/27/86

Upper Illinois

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BUT	GWT	WTG	GAD	SH	SCAUP	RN	CNVB	RH	RDY	GLD	BH	H.MER	TOT.DUCK	CG	SM.CG	GT.CG	TOT.CG	B&SG	PEL	MUTESW	WH.SUN	COOT
Turner Lk. Depue, Spring Coleman	60	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65	0	0	0	0	0	0	0	75	
	150	15	0	0	0	0	0	0	40	0	0	0	0	0	0	0	205	0	0	0	0	0	0	0	350	
	450	10	0	75	150	80	0	30	0	0	0	0	0	0	0	0	795	0	0	0	0	0	0	0	500	
Bureau Ponds Goose Senachwine	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	
	16,000	200	4,500	100	400	7,000	700	450	1,200	350	175	50	600	0	75	0	31,800	4,500	300	0	4,800	1,200	0	0	12,000	
Siebold Saumill Billsbach	6,500	80	2,700	50	200	3,500	550	200	700	175	80	40	150	0	50	0	14,975	2,200	75	0	2,275	400	0	0	7,500	
	700	15	250	0	0	600	80	40	50	0	0	0	0	0	0	0	1,735	125	0	0	125	50	0	0	1,800	
	250	5	0	0	0	80	0	0	20	0	0	0	0	0	0	0	355	30	0	0	30	0	0	0	450	
Weis Lk. Spartland Wightman	175	10	0	0	0	50	0	0	100	0	0	0	25	0	0	0	360	60	0	0	60	0	0	0	600	
	60	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	80	0	0	0	0	0	0	0	250	
	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	75	
Sawyer Hitchcock Round Pond	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	200	
	125	5	0	0	0	30	0	0	0	0	0	0	0	0	0	0	160	0	0	0	0	0	0	0	150	
	2,800	30	0	0	0	0	0	0	75	0	0	0	0	0	0	0	2,905	150	0	0	150	50	0	0	800	
Meadow Rice Pond Goose Pond	600	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	615	0	0	0	0	0	0	0	1,200	
	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	0	0	0	0	0	0	0	125	
	13,000	150	3,200	200	800	5,800	700	350	500	175	80	0	250	0	50	0	25,255	600	50	0	650	150	0	0	8,500	
Upper Peoria Lower Peoria Pekin Lk. Powerton Lk.	600	20	0	0	0	0	0	0	150	50	0	0	0	0	0	0	820	75	0	0	75	0	0	0	1,600	
	6,700	125	700	0	0	1,400	0	0	800	250	125	25	300	0	60	0	10,485	200	0	0	200	75	0	0	10,000	
	250	15	0	0	0	0	0	0	60	0	0	0	0	0	0	0	325	0	0	0	0	0	0	0	800	
TOTAL UPPER	2,500	40	350	150	400	600	150	75	80	0	0	0	0	0	0	0	4,345	20	0	0	20	0	0	0	2,300	
	1,700	20	175	80	250	450	125	100	175	75	40	0	75	0	0	0	3,265	60	0	40	100	30	0	0	9,000	
	52,705	760	11,875	655	2,200	19,500	2,305	1,245	3,970	11,075	500	115	1,400	0	235	0	98,630	8,020	425	40	8,485	1,955	0	0	58,275	
TOTAL LOWER	133,810	1,520	46,895	2,880	6,150	68,415	6,305	1,240	6,450	11,900	965	235	15,400	0	815	0	282,980	3,350	0	1,160	4,510	2,050	0	6	199,350	
TOTAL	186,515	2,280	58,770	3,535	8,350	88,005	8,610	2,485	10,420	12,975	1,465	350	16,800	0	1,050	0	381,610	11,370	425	1,200	12,995	4,005	0	6	257,625	

WATERFOOL CENSUS DATA

Date : 10/27/86

Lower Illinois

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BVT	GWT	WIG	GAD	SH	SCAUP	RN	CNVB	RH	RDY	GLD	BH	H.MER	TOT.DUCK	CG	SM.CG	GT.CG	TOT.CG	B&SG	PEL	MUTESW	WH.SUN	COOT
Hanito Ditches Spoon Riv. Btms. Spring Lk. Rice Lk. Duck Creek C. Lk	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80	0	0	0	0	0	0	0	0	0
	2,700	20	500	250	500	900	125	80	100	0	0	0	0	0	0	0	5,175	250	0	50	300	100	0	0	0	6,500
	1,000	5	80	100	150	500	80	0	250	30	0	0	1,400	0	0	0	3,595	0	0	0	0	0	0	0	25,000	
	8,300	60	1,200	250	300	2,800	250	30	75	40	30	0	450	0	0	0	13,785	40	0	0	40	0	0	0	13,000	
	350	5	0	0	0	60	0	0	80	25	0	0	0	0	0	0	520	50	0	600	650	125	0	4	400	
Banner Marsh Big Lk. Goose Lk. Clear Lk. Chautauqua	1,200	15	500	80	125	900	75	80	100	20	0	0	0	0	0	0	3,095	0	0	450	450	75	0	2	1,800	
	6,700	50	2,400	150	200	3,200	400	50	450	60	75	20	600	0	25	0	14,380	100	0	60	160	50	0	0	6,500	
	150	0	0	0	0	30	0	0	60	20	10	0	0	0	0	0	270	0	0	0	0	0	0	0	300	
	28,000	350	8,800	500	900	12,000	1,300	150	650	75	150	40	500	0	60	0	53,475	125	0	0	125	75	0	0	12,000	
	21,000	275	5,600	250	600	8,000	350	50	800	250	80	20	750	0	50	0	38,075	900	0	0	900	600	0	0	23,000	
Quiver Cr. Quiver Lk. Negro Lk. Bath Lk. Grass Lk.	1,500	25	800	100	250	1,200	125	40	0	0	0	0	0	0	0	0	4,040	30	0	0	30	0	0	0	4,500	
	40	0	0	0	0	0	0	0	30	0	0	0	0	0	0	0	70	0	0	0	0	0	0	0	800	
	60	0	0	40	100	0	0	0	0	0	0	0	0	0	0	0	200	0	0	0	0	0	0	0	250	
	80	0	25	30	75	75	0	40	0	0	0	0	0	0	0	0	325	0	0	0	0	0	0	0	400	
	450	10	75	0	0	150	0	0	80	20	0	0	0	0	0	0	785	0	0	0	0	0	0	0	1,800	
Anderson Moscow Jack Lk. Snicarte Ingram Lk.	600	5	50	75	250	300	0	0	40	0	0	0	0	0	0	0	1,320	0	0	0	0	0	0	0	2,700	
	125	0	0	50	175	0	0	0	30	0	0	0	0	0	0	0	380	0	0	0	0	0	0	0	2,300	
	9,000	80	1,500	75	150	3,200	250	50	750	450	175	50	650	0	100	0	16,480	80	0	0	80	50	0	0	18,000	
	650	20	175	0	0	400	0	10	0	0	0	0	0	0	0	0	1,255	0	0	0	0	0	0	0	4,500	
	400	5	60	0	0	125	0	0	80	25	0	0	0	0	0	0	695	0	0	0	0	0	0	0	3,300	
Stewart Crane Lk. Cuba Is. Chain Lk. Sangamon	175	10	0	0	0	0	0	0	25	0	0	0	0	0	0	0	210	0	0	0	0	0	0	0	600	
	14,000	150	8,500	300	800	11,000	1,000	80	900	250	100	40	250	0	40	0	37,410	100	0	0	100	150	0	0	21,000	
	9,500	100	6,800	150	300	9,000	800	150	350	80	40	0	75	0	0	0	27,345	450	0	0	450	175	0	0	12,000	
	1,200	10	400	0	50	850	0	0	0	0	0	0	0	0	0	0	2,510	0	0	0	0	0	0	0	4,700	
	900	20	80	125	400	250	0	100	0	0	0	0	0	0	0	0	1,875	125	0	0	125	200	0	0	3,400	
Treadway Muscooten Big Prairie Merredosia Smith Lk. Merredosia-Godard	4,700	40	350	0	50	600	0	0	500	175	80	40	50	0	0	0	6,585	50	0	0	50	0	0	0	2,500	
	25	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	50	0	0	0	0	0	0	0	800	
	13,000	200	5,700	250	500	7,300	1,200	250	750	300	150	25	450	0	500	0	30,575	800	0	0	800	350	0	0	15,000	
	7,800	60	3,300	80	200	5,500	350	80	325	80	75	0	225	0	40	0	18,115	250	0	0	250	100	0	0	12,000	
	125	5	0	25	75	75	0	0	0	0	0	0	0	0	0	0	305	0	0	0	0	0	0	0	300	
TOTAL LOWER	133,810	1,520	46,895	2,880	6,150	68,415	6,305	11,240	6,450	11,900	965	235	15,400	0	815	0	282,980	3,350	0	1,160	4,510	2,050	0	6	0	199,350

WATERFOAL CENSUS DATA

DATE: 10/27/86

Upper Mississippi

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BWT	GWT	WTG	GAD	SH	SCAUP	RN	CNVB	RH	RDY	GLD	BH	H-MER	TOT.DUCK	CG	SM.CG	GT.CG	TOT.CG	B&SG	PEL	MUTESH/WH-SUN	COOT
Keokuk-Mauvoo	1800	40	450	0	0	1,200	250	0	8,500	700	2,200	400	2,800	0	250	0	20,175	275	0	0	275	50	0	0	29,000
Arthur Refuge	650	5	75	100	250	300	50	80	75	0	0	0	0	0	0	0	28,595	0	0	0	0	0	0	1,300	
Mauvoo-Ft. Mad.	5,200	60	1,400	150	300	2,400	350	175	10,000	1,200	3,600	600	1,400	0	175	0	34,745	550	50	0	600	100	0	0	45,000
Ft. Mad.-Dallas	3,700	80	350	40	100	1,200	125	40	1,200	250	375	80	175	0	20	0	10,790	50	0	0	50	40	0	0	9,000
Dallas-Burl.	1,200	15	175	0	0	450	75	0	850	125	75	30	60	0	0	0	3,230	125	0	0	125	50	0	0	7,500
Turkey Slough	75	0	0	0	0	0	0	0	80	20	0	0	0	0	0	0	1,550	0	0	0	0	0	0	0	600
Burl.-Oquauka	375	15	80	0	0	250	30	0	425	75	50	0	75	0	0	0	1,695	40	0	0	40	30	0	0	1,400
Crystal Lk.	250	10	0	0	0	60	0	0	0	0	0	0	0	0	0	0	1,850	0	0	0	0	0	0	0	250
Oquauka Refuge	700	25	100	25	100	375	50	80	75	0	0	0	0	0	0	0	2,570	75	0	0	75	0	0	0	2,300
Oqu.-Keithsburg	325	15	40	0	0	250	0	0	275	40	40	0	25	0	30	0	2,990	0	0	0	0	0	0	0	3,200
Keithsburg Ref.	1,300	25	175	0	0	400	0	0	50	0	0	0	0	0	0	0	2,190	125	0	0	125	0	0	0	1,900
New Boston	75	0	0	0	0	0	0	0	125	0	0	0	40	0	0	0	21,890	0	0	0	0	0	0	0	800
Louisa Refuge	7,500	125	5,900	100	400	6,500	600	150	250	75	0	0	50	0	0	0	23,415	4,800	300	0	5,100	600	0	0	10,000
Louisa-Musc.	900	5	150	0	0	500	75	0	80	25	0	0	30	0	0	0	2,655	250	0	0	250	150	0	0	1,200
Musc.-Moline	350	15	75	0	0	225	50	0	125	50	0	0	0	0	0	0	89,800	75	0	0	75	0	0	0	550
TOTAL UPPER	24,400	435	8,970	415	1,150	14,110	1,655	525	22,110	2,560	6,340	1,110	4,655	0	475	0	324,075	6,365	350	0	6,715	7,735	0	0	1114,000
TOTAL LOWER	81,665	975	50,420	4,740	8,890	64,500	5,250	12,315	8,905	3,045	1,235	335	2,405	0	485	0	235,165	9,875	925	0	10,800	6,260	0	0	1116,625
TOTAL	106,065	1,410	59,390	5,155	10,040	78,610	6,905	12,840	31,015	5,605	7,575	1,445	7,060	0	960	0	559,240	16,240	1,275	0	17,515	13,995	0	0	1230,625

WATERFOUL CENSUS DATA

DATE: 10/27/86

Lower Mississippi

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BWT	GWT	WIG	GAD	SH	SCAUP	RN	CHVB	RH	RDY	GLD	BH	H-MER	TOT.DUCK	CG	SM.CG	GT.CG	TOT.CG	BSG	PEL	MUTESW	WH.SUN	COOT
Godar Stump	350	5	80	40	75	150	40	30	0	0	0	0	0	0	0	0	770	0	0	0	0	0	0	0	0	700
	575	10	150	250	400	450	0	60	30	0	0	0	0	0	0	0	1,925	0	0	0	0	0	0	0	1,600	
Flat, Swan Gilbert	14,000	175	7,200	800	1,500	9,500	900	250	1,300	700	250	80	500	0	75	0	37,230	600	50	0	650	150	0	0	0	18,000
	350	15	80	0	0	150	0	0	75	0	0	0	0	0	0	0	670	450	0	0	450	0	0	0	450	
Grafton-Alton Hager	75	0	0	0	0	0	0	0	125	50	0	0	0	0	0	0	250	15	0	0	15	0	0	0	1,200	
	1,600	20	175	50	150	400	0	0	50	0	0	0	0	0	0	0	2,445	0	0	0	0	0	0	0	1,900	
Marias Temp Dardenne	3,500	30	1,800	350	800	2,700	250	300	275	75	40	0	125	0	40	0	10,285	125	0	0	125	60	0	0	0	5,500
	24,000	200	20,000	1,500	2,500	21,000	1,800	600	2,100	800	500	150	400	0	50	0	75,600	1,300	200	0	1,500	1800	0	0	0	26,000
Cuivre Batch Pool	8,500	75	6,500	600	900	9,000	600	150	800	250	75	0	100	0	0	0	27,550	150	0	0	150	0	0	0	0	9,000
	900	10	450	75	150	800	80	0	500	100	80	0	125	0	75	0	3,345	250	0	0	250	400	0	0	0	2,700
Batch Refuge Gilead	1,200	15	900	50	300	450	0	0	250	75	0	0	0	0	0	0	3,240	75	0	0	75	0	0	0	0	1,500
	150	0	0	0	0	50	0	0	75	0	0	0	0	0	0	0	275	0	0	0	0	0	0	0	800	
Cannon Refuge Duck Club	20,000	300	12,000	800	1,500	18,000	1,500	800	1,300	400	150	50	800	0	100	0	57,700	3,300	300	0	3,600	1800	0	0	0	28,000
	800	5	100	50	200	250	0	0	0	0	0	0	0	0	0	0	1,405	100	0	0	100	50	0	0	1,700	
Calumet Refuge Sny Slough	550	10	75	0	40	100	0	0	0	0	0	0	0	0	0	0	775	0	0	0	0	0	0	0	600	
	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	75	
Delair Refuge La.-Saver.	1,700	25	0	0	0	75	0	0	350	80	0	0	40	0	0	0	2,270	2,500	300	0	2,800	1300	0	0	0	1,500
	150	10	80	40	75	150	0	0	225	125	60	30	60	0	20	0	1,025	250	75	0	325	450	0	0	0	2,600
Shanks Refuge Saver.-Hannibal	1,800	20	600	75	150	800	80	50	0	0	0	0	0	0	0	0	3,575	25	0	0	25	0	0	0	0	3,000
	60	0	0	0	0	0	0	0	150	40	0	0	0	0	0	0	250	30	0	0	30	50	0	0	1,400	
Gardner Club Hannibal-quincy	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	0	0	0	0	0	0	0	250	
	150	10	0	0	0	0	0	0	75	0	0	0	30	0	0	0	265	75	0	0	75	0	0	0	2,900	
Quincy-Meyer Gardner Refuge	80	0	0	0	0	0	0	0	450	100	0	0	75	0	50	0	755	150	0	0	150	125	0	0	0	650
	900	25	150	0	0	275	0	0	175	25	0	0	0	0	0	0	1,550	400	0	0	400	75	0	0	1,200	
Meyer-Keokuk	225	15	80	60	150	200	0	75	600	225	80	25	150	0	75	0	1,960	80	0	0	80	0	0	0	0	3,400
TOTAL LOWER	81,665	975	50,420	4,740	8,890	64,500	5,250	12,315	8,905	3,045	1,235	335	12,405	0	485	0	235,165	9,875	925	0	10,800	6,260	0	0	0	116,625

WATERFOUL CENSUS DATA

Date : 11/03/86

UPPER ILLINOIS VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BWT	GWT	WIG	GAD	SH	SCAUP	RN	CNVB	RH	RDY	GLD	BH	C.MER	RB.MER	H.MER	TOT.DUCK	CG	SM.CG	GT.CG	TOT.CG	BESG	COOT
Turner Lk.	100	0	0	40	100	0	0	10	0	0	0	0	0	0	0	0	0	0	250	0	0	0	0	0	125
Deque, Spring	450	20	0	75	125	0	0	0	0	0	0	0	0	0	0	0	0	0	670	0	0	0	0	0	600
Coleman	600	10	50	0	150	175	0	0	0	0	0	0	0	0	0	0	0	0	985	0	0	0	0	0	400
Bureau Ponds	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Goose	29,000	400	1,500	400	1,200	4,800	500	150	1,900	600	250	80	1,200	75	600	0	0	0	42,655	3,800	200	0	4,000	700	8,500
Senachwine	15,000	250	1,200	150	900	2,700	150	80	650	250	80	30	550	100	250	25	0	0	22,365	1,200	50	0	1,250	250	5,000
Siebold	450	20	80	50	175	150	0	30	75	30	0	0	0	0	0	0	0	0	1,060	60	0	0	60	30	1,800
Sawmill	275	10	0	0	0	80	0	0	50	0	0	0	0	0	0	0	0	0	415	0	0	0	0	0	650
Billsbach	400	30	0	0	0	50	0	0	80	0	0	0	0	0	0	0	0	0	560	25	0	0	25	25	800
Weis Lk.	80	0	0	0	0	25	0	0	0	0	0	0	0	0	0	0	0	0	105	0	0	0	0	0	250
Sparland	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	0	0	0	0	0	75
Wightman	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	50
Sawyer	350	15	80	0	0	125	0	0	60	0	0	0	30	0	0	0	0	0	660	0	0	0	0	0	600
Hitchcock	21,000	300	350	0	0	900	0	0	500	250	80	40	125	0	0	0	0	0	23,545	800	0	0	800	150	3,500
Round Pond	800	25	0	0	0	150	0	0	100	50	0	0	0	0	0	0	0	0	1,125	0	0	0	0	0	900
Meadow	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	0	0	0	0	0	150
Rice Pond	18,000	400	3,500	200	900	5,200	400	200	900	250	125	30	250	30	60	0	0	0	30,445	175	0	0	175	75	6,800
Goose Pond	1,500	50	0	0	0	300	0	0	450	150	75	0	50	50	25	0	0	0	2,650	60	0	0	60	0	1,200
Upper Peoria	12,000	250	300	0	0	600	150	0	2,600	800	475	150	500	40	100	40	0	0	18,005	1,300	0	0	1,300	450	6,500
Lower Peoria	650	20	0	0	0	75	0	0	225	75	30	0	60	0	25	0	0	0	1,160	0	0	0	0	0	1,700
Pekin Lk.	1,700	35	150	75	250	400	75	50	75	0	0	0	0	0	0	0	0	0	2,810	25	0	0	25	0	2,300
Powerton Lk.	7,500	125	300	0	0	1,200	150	0	500	175	80	0	400	60	20	0	0	0	10,510	350	0	100	450	200	12,000
TOTAL UPPER	109,960	1,960	7,510	915	3,750	17,055	1,425	520	8,165	2,630	1,195	330	3,165	355	1,080	65	0	0	160,080	7,795	250	100	8,145	1,880	53,900
TOTAL LOWER	199,510	2,835	28,745	2,155	9,300	51,215	2,375	1,280	9,225	1,985	760	240	4,625	565	865	280	0	0	315,960	5,935	400	1,600	7,935	4,455	242,725
TOTAL	309,470	4,795	36,255	3,070	13,050	68,270	3,800	1,800	17,390	4,615	1,955	570	7,790	920	1,945	345	0	0	476,040	13,730	650	1,700	16,080	6,335	296,625

WATERFOAL CENSUS DATA

Date : 11/03/86

LOWER ILLINOIS VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BWT	GWT	WIG	GAD	SH	SCAUP	RN	CNVB	RH	RDY	GLD	BH	C-MERG	RB-MER	H-MER	TOT. DUCK	CG	SM. CG	GT. CG	TOT. CG	BESG	COOT
Manito Ditches	125	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	140	0	0	0	0	0	50
Spoon Riv. Btms.	3,800	20	350	150	600	800	75	150	150	30	0	0	0	0	0	0	0	0	6,125	500	100	150	750	800	125
Spring Lk.	1,200	5	80	75	200	150	40	50	125	40	0	0	0	0	0	0	0	0	1,965	35	0	0	35	0	0
Rice Lk.	7,200	20	900	150	600	1,400	80	0	350	75	30	10	800	20	0	10	0	0	11,645	0	0	0	0	0	28,000
Duck Creek C. Lk.	350	30	0	0	0	75	0	0	80	40	0	0	0	0	0	0	0	0	575	100	0	800	900	150	650
Banner Marsh	2,300	15	400	100	400	900	100	0	150	40	0	0	0	0	0	0	0	0	4,405	0	0	500	500	0	1,400
Big Lk.	14,000	150	1,500	50	150	2,800	50	0	600	125	75	30	250	0	0	0	0	0	19,780	75	0	0	75	250	12,000
Goose Lk.	300	10	40	100	0	50	0	0	50	0	0	0	0	0	0	0	0	0	550	0	0	0	0	0	800
Clear Lk.	36,000	450	4,500	200	800	6,900	175	100	900	175	80	20	500	80	250	40	0	0	53,170	800	0	0	800	800	25,000
Chautauqua	26,000	300	1,800	100	1,200	3,700	80	30	1,500	300	175	50	900	150	125	60	0	0	36,470	1,400	200	150	1,750	300	32,000
Quiver Cr.	900	10	75	50	200	350	0	125	0	0	0	0	0	0	0	0	0	0	1,710	0	0	0	0	0	1,500
Quiver Lk.	60	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	80	0	0	0	0	0	250
Negro Lk.	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	0	0	0	0	0	100
Bath Lk.	125	5	0	0	100	30	0	0	0	0	0	0	0	0	0	0	0	0	260	0	0	0	0	0	1,700
Grass Lk.	1,000	10	0	0	0	250	0	0	150	40	0	0	0	0	0	0	0	0	1,450	0	0	0	0	0	1,200
Anderson	650	10	50	100	250	175	0	0	80	0	0	0	0	0	0	0	0	0	1,315	0	0	0	0	0	2,500
Moscow	200	0	0	80	250	60	0	0	50	0	0	0	0	0	0	0	0	0	640	0	0	0	0	0	2,800
Jack Lk.	15,000	250	3,200	0	75	6,500	400	0	1,200	250	100	30	650	100	150	75	0	0	27,980	300	0	0	300	125	30,000
Snicarte	1,200	10	250	125	350	600	0	75	0	0	0	0	0	0	0	0	0	0	2,610	0	0	0	0	0	1,900
Ingram Lk.	600	5	0	0	0	75	0	0	125	0	0	0	0	0	0	0	0	0	805	0	0	0	0	0	3,200
Stewart	150	20	0	0	0	0	0	0	40	0	0	0	0	0	0	0	0	0	210	0	0	0	0	0	600
Crane Lk.	21,000	300	4,600	200	900	6,300	250	150	1,600	400	75	50	1,000	75	60	30	0	0	36,990	550	0	0	550	200	26,000
Cuba Is.	16,000	250	5,800	100	450	8,700	400	75	400	125	50	0	250	0	30	0	0	0	32,630	400	0	0	400	125	32,000
Chain Lk.	1,100	15	125	50	175	300	0	0	0	0	0	0	0	0	0	0	0	0	1,765	0	0	0	0	0	1,500
Sanganon	4,700	60	100	250	700	650	0	175	250	80	0	0	0	0	0	0	0	0	6,965	500	0	0	500	350	3,200
Treadway	9,500	125	175	0	150	350	0	0	125	40	0	0	0	0	0	0	0	0	10,465	125	0	0	125	75	1,800
Muscotien	10	0	0	0	0	0	0	0	30	0	0	0	0	0	0	0	0	0	40	0	0	0	0	0	450
Big Prairie	24,000	500	3,500	200	1,300	7,600	600	250	800	125	50	0	75	60	50	25	0	0	39,135	800	100	0	900	1,200	17,000
Meredosia	10,000	250	1,300	75	450	2,500	125	100	450	100	125	50	200	80	200	40	0	0	16,045	350	0	0	350	80	15,000
Smith Lk.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Meredosia-Godard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOWER	199,510	12,835	28,745	2,155	9,300	51,215	2,375	1,280	9,225	1,985	760	240	4,625	565	865	280	0	0	315,960	5,935	400	1,600	7,935	4,455	242,725

WATERFOAL CENSUS DATA

DATE: 11/03/86

UPPER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	WALLARD	BLK	PMT	BWT	GWT	WTG	GAD	SH	SCAUP	RN	CNVB	RH	RDY	GLD	BH	C.MER	RB.MER	H.MER	TOT.DUCK	CG	SH.CG	GT.CG	TOT.CG	B&SG	PEL	COOT
Keokuk-Nauvoo	2,300	25	300	0	0	800	250	125	21,000	1,900	8,500	1,200	1,800	150	500	50	0	0	38,900	75	0	0	75	0	48,000	
Arthur Refuge	1,500	35	175	80	150	450	125	75	0	0	0	0	0	0	0	0	0	0	2,590	0	0	0	0	0	1,800	
Nauvoo-Ft. Mad.	3,200	40	900	200	800	2,100	500	400	59,000	4,500	15,000	2,500	2,100	300	650	75	0	0	92,265	150	0	0	150	75	8	72,000
Ft. Mad.-Dallas	1,900	30	1,000	75	300	1,600	250	125	2,100	450	850	125	350	75	175	50	0	0	9,455	40	0	0	40	0	0	3,700
Dallas-Burl.	1,100	15	250	0	60	575	0	20	650	225	275	80	115	30	40	0	0	0	3,435	350	0	0	350	125	0	2,800
Turkey Slough	150	0	0	0	0	0	0	0	75	30	0	0	0	0	0	0	0	0	255	0	0	0	0	0	1,200	
Burl.-Oquawka	450	25	125	40	150	350	80	0	225	80	60	120	40	0	15	0	0	0	1,760	0	0	0	0	0	0	800
Crystal Lk.	125	5	0	0	0	60	0	0	25	0	0	0	0	0	0	0	0	0	215	0	0	0	0	0	450	
Oquawka Refuge	1,000	15	50	0	75	250	0	25	50	0	0	0	0	0	0	0	0	0	1,465	40	0	0	40	0	1,300	
Oqu.-Keithsburg	325	35	0	0	0	80	0	0	450	125	80	30	250	50	50	0	0	0	1,475	75	0	0	75	30	0	3,400
Keithsburg Ref.	8,500	125	1,000	75	250	1,800	400	50	900	450	50	0	0	0	0	0	0	0	13,600	150	0	0	150	50	0	2,500
New Boston	150	0	0	0	0	0	0	0	125	60	0	0	0	0	0	0	0	0	335	0	0	0	0	0	700	
Louisa Refuge	21,000	300	2,400	100	500	3,200	600	150	500	250	75	40	80	0	0	0	0	0	29,195	8,500	200	0	8,700	300	0	13,000
Louisa-Musc.	350	15	125	0	60	400	50	0	250	80	50	0	0	0	25	0	0	0	1,405	350	0	0	350	175	0	2,100
Musc.-Moline	400	30	75	0	0	175	0	0	375	125	0	0	60	25	30	0	0	0	1,295	75	0	0	75	0	0	1,100
TOTAL UPPER	42,450	695	6,400	570	2,345	11,840	2,255	970	85,725	8,275	24,940	4,095	4,795	630	1,485	175	0	0	197,645	9,805	200	0	10,005	755	8	154,850
TOTAL LOWER	111,095	1,675	55,655	2,365	8,380	60,605	4,845	1,915	8,115	2,855	1,245	325	2,415	355	650	160	0	0	262,655	3,285	150	0	3,435	3,315	0	112,360
TOTAL	153,545	2,370	62,055	2,935	10,725	72,445	7,100	2,885	93,840	11,130	26,185	4,420	7,210	985	2,135	335	0	0	460,300	13,090	350	0	13,440	4,070	8	267,210

WATERTOWN CENSUS DATA

DATE: 11/03/86

LOWER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BNT	GNT	WTG	GAD	SH	SCAUP	RN	CHVS	RH	RDY	GLD	BH	C. MERG	RB. MER	H. MER	TOT. DUCK	CG	SM. CG	GT. CG	TOT. CG	B&SG	PEL	COOT
Godard	550	15	125	75	200	350	0	50	0	0	0	0	0	0	0	0	0	0	1,365	0	0	0	0	0	0	1,000
Stump	900	25	100	250	800	400	50	125	50	0	0	0	0	0	0	0	0	0	2,700	0	0	0	0	0	0	2,700
Flat, Swan	16,000	250	4,700	400	1,200	6,800	400	250	1,700	600	350	80	900	75	175	40	0	0	33,920	500	0	0	500	150	0	15,000
Gilbert	450	10	150	40	80	275	0	50	175	80	0	0	0	0	0	0	0	0	1,310	700	100	0	800	300	0	1,200
Grafton-Alton	200	5	0	0	0	50	0	0	80	0	0	0	25	0	0	0	0	0	360	0	0	0	0	0	0	4,800
Hager	3,500	25	450	100	500	1,000	75	80	50	0	0	0	0	0	0	0	0	0	5,780	0	0	0	0	0	0	1,500
Marias Temp	1,800	40	275	75	350	600	30	125	250	125	0	0	75	0	15	0	0	0	3,760	150	0	0	150	75	0	3,500
Dardenne	36,000	400	24,000	400	1,500	18,000	1,500	400	1,500	500	250	50	400	0	60	0	0	0	84,960	400	50	0	450	2,300	0	19,000
Cuivre	14,000	250	7,500	250	900	9,000	600	250	600	150	75	30	80	0	40	0	0	0	33,725	0	0	0	0	0	0	10,000
Batch Pool	650	15	250	25	175	450	60	0	175	30	0	0	0	100	0	50	0	0	1,980	125	0	0	125	30	0	2,300
Batch Refuge	1,800	25	650	75	250	800	80	0	250	75	0	0	0	0	0	0	0	0	4,005	60	0	0	60	0	0	1,200
Gilead	350	5	50	0	0	125	0	0	25	0	0	0	0	0	0	0	0	0	555	0	0	0	0	0	0	350
Cannon Refuge	25,000	400	16,000	400	1,800	20,000	1,700	400	1,200	650	250	75	400	0	100	0	0	0	68,375	500	0	0	500	75	0	35,000
Duck Club	650	15	0	50	175	50	0	0	0	0	0	0	0	0	0	0	0	0	940	0	0	0	0	0	0	1,200
Callumet Refuge	300	5	75	0	0	125	0	0	0	0	0	0	0	0	0	0	0	0	505	0	0	0	0	0	0	600
Sny Slough	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0	60
Delair Refuge	1,300	15	0	0	0	75	0	0	125	30	0	0	0	0	0	0	0	0	1,545	250	0	0	250	125	0	1,000
La.-Saver.	250	20	80	0	0	125	0	0	325	125	80	40	125	60	75	25	0	0	1,330	80	0	0	80	50	0	1,800
Shanks Refuge	5,700	75	1,200	150	300	1,800	350	75	80	0	0	0	0	0	0	0	0	0	9,730	15	0	0	15	0	0	3,200
Saver.-Hannibal	175	10	0	0	0	75	0	10	250	100	40	0	60	40	30	15	0	0	805	125	0	0	125	80	0	1,100
Gardner Club	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0	50
Hannibal-Quincy	75	0	0	0	0	100	0	0	125	50	0	0	20	0	30	0	0	0	400	30	0	0	30	0	0	1,900
Quincy-Meyer	325	25	0	0	0	80	0	0	425	75	0	0	80	0	50	0	0	0	1,060	75	0	0	75	30	0	1,000
Gardner Refuge	800	35	0	75	150	125	0	40	80	40	0	0	0	0	0	0	0	0	1,345	25	0	0	25	0	0	600
Meyer-Keokuk	275	10	50	0	0	200	0	60	650	225	200	50	250	80	75	30	0	0	2,155	250	0	0	250	100	0	2,300
TOTAL LOWER	111,095	1,675	55,655	2,365	8,380	60,605	4,845	1,915	8,115	2,855	1,245	325	2,415	355	650	160	0	0	262,655	3,285	150	0	3,435	3,315	0	112,360

WATERFOUL CENSUS DATA

Date : 11/10/86

UPPER ILLINOIS VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PMT	BVT	GMT	WTG	GAD	SH	SCAUP	RN	CNVB	RH	RDY	GLD	BH	C-MER	RB-MER	H-MER	TOT.DUCK	CG	SH.CG	GT.CG	TOT. CG	B&SG	COOT
Turner Lk. Deque, Spring Coleman	175	10	0	0	0	40	0	0	0	0	0	0	0	0	0	0	0	0	225	0	0	0	0	0	50
	500	20	0	0	60	80	0	0	50	0	0	0	0	0	0	0	0	0	710	0	0	0	0	0	250
	700	15	0	0	80	100	0	0	75	0	0	0	0	0	0	0	0	0	970	0	0	0	0	0	100
Bureau Ponds Goose Senachwine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	39,000	600	1,200	100	500	1,400	200	50	2,500	900	500	150	800	250	400	125	0	0	48,675	5,500	200	0	5,700	600	4,000
	20,000	350	700	50	200	900	75	80	1,200	350	150	80	400	175	250	80	0	0	25,040	1,800	50	0	1,850	250	2,500
Siebold Sawmill Billsbach	300	15	0	0	0	80	0	0	150	40	0	0	0	15	0	10	0	0	610	0	0	0	0	0	250
	175	25	30	0	40	50	0	0	60	0	0	0	0	0	0	0	0	0	380	0	0	0	0	0	75
	350	10	0	0	0	25	0	0	125	60	0	0	25	30	0	10	0	0	635	25	0	0	25	0	150
Weis Lk. Sparland Wightman	75	0	0	0	50	0	0	0	40	0	0	0	0	0	0	0	0	0	165	50	0	0	50	0	80
	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	0	0	0	0	125	
	20	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	35	0	0	0	0	60	
Sawyer Kitchcock Round Pond	450	15	0	0	0	0	0	0	75	0	0	0	0	0	0	0	0	0	540	0	0	0	0	0	150
	23,000	400	0	0	0	175	0	0	400	175	80	0	40	60	0	20	0	0	24,350	800	0	0	800	175	900
	900	20	0	0	0	60	0	0	75	0	0	0	0	0	0	0	0	0	1,055	0	0	0	0	0	175
Meadow Rice Pond Goose Pond	50	0	0	0	0	0	0	0	30	0	0	0	0	0	0	0	0	0	80	0	0	0	0	0	80
	15,000	200	1,800	100	700	2,400	175	80	350	125	100	40	350	50	125	40	0	0	21,635	250	0	0	250	40	1,500
	2,500	40	0	0	0	0	0	0	500	175	60	0	150	80	0	30	0	0	3,535	125	0	0	125	80	200
Upper Peoria Lower Peoria Pekin Lk. Powerton Lk.	19,000	300	250	0	0	900	0	0	2,200	800	350	125	600	175	250	100	0	0	25,050	1,300	100	0	1,400	150	1,200
	400	30	0	0	0	0	0	0	450	125	80	0	125	75	50	30	0	0	1,365	250	0	50	300	0	400
	800	15	0	25	150	175	0	25	175	40	0	0	40	25	0	10	0	0	1,480	50	0	0	50	0	650
TOTAL UPPER	5,200	80	50	0	60	350	75	30	800	250	175	40	150	100	225	40	0	0	7,625	700	50	200	950	275	4,500
	128,635	2,145	4,030	275	1,840	6,735	525	265	9,255	3,040	1,495	435	2,680	1,050	1,300	495	0	0	164,200	10,850	400	250	11,500	1,570	17,395
	200,295	2,955	14,075	560	2,830	19,295	1,790	670	9,890	3,290	1,100	275	7,475	2,685	2,500	665	0	0	270,350	2,620	525	1,250	4,395	1,560	79,640
TOTAL LOWER																									
TOTAL	328,930	5,100	18,105	835	4,670	26,030	2,315	935	19,145	6,330	2,595	710	10,155	3,735	3,800	1,160	0	0	434,550	13,470	925	1,500	15,895	3,130	97,035

WATERFOOL CENSUS DATA

Date : 11/10/88

LOWER ILLINOIS VALLEY

Robert Crompton

LOCATION	HALLARD	BLK	PNT	BVT	GNT	MTG	GAD	SH	SCAUP	RN	CNVB	RH	RDY	GLO	BH	C.MERG	RB.MER	H.MER	TOT.DUCK	CG	SM.CG	GT.CG	TOT.CG	BSSG	COOT
Manito Ditches	450	15	0	0	0	60	0	0	0	0	0	0	0	0	0	0	0	0	525	0	0	0	0	0	40
Spoon Riv. Btms.	1,400	10	100	75	150	300	0	75	150	80	0	0	0	0	0	0	0	0	2,340	0	0	0	0	150	1,500
Spring Lk.	1,900	25	80	40	200	350	60	0	250	50	0	0	450	15	0	0	0	0	3,420	0	0	0	0	0	14,000
Rice Lk.	6,800	60	125	75	350	400	40	0	500	100	30	0	125	100	40	30	0	0	8,775	80	0	0	80	0	6,500
Duck Creek C. Lk.	500	10	0	0	0	25	0	0	125	75	0	0	30	25	0	15	0	0	805	0	0	700	700	0	500
Banner Marsh	1,600	15	150	50	200	175	50	40	75	0	0	0	0	0	0	0	0	0	2,355	0	0	450	450	0	800
Big Lk.	18,000	250	400	60	150	900	125	0	600	150	75	0	250	80	75	60	0	0	21,175	300	0	0	300	60	4,200
Goose Lk.	1,700	15	40	0	75	150	0	0	80	30	0	0	40	20	0	0	0	0	2,150	0	0	0	0	0	1,200
Clear Lk.	26,000	400	900	80	250	1,800	150	25	900	350	100	40	900	400	175	80	0	0	32,550	150	75	0	225	50	9,000
Chautauqua	35,000	500	600	0	75	1,300	300	75	1,800	500	350	75	1,300	600	400	150	0	0	43,025	300	100	100	500	200	12,000
Quiver Cr.	1,400	15	80	40	150	250	0	30	0	0	0	0	0	0	0	0	0	0	1,965	40	0	0	40	0	600
Quiver Lk.	80	0	0	0	0	0	0	0	30	0	0	0	0	0	0	0	0	0	110	0	0	0	0	0	125
Negro Lk.	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	75
Bath Lk.	175	5	0	0	0	40	0	0	60	25	0	0	0	0	0	0	0	0	305	0	0	0	0	0	250
Grass Lk.	1,200	20	300	0	0	600	40	0	150	80	0	0	30	50	20	0	0	0	2,490	0	0	0	0	0	900
Anderson	325	5	0	0	0	80	0	0	75	30	0	0	0	0	0	0	0	0	515	0	0	0	0	0	1,200
Moscow	400	15	50	0	80	125	0	0	0	0	0	0	0	0	0	0	0	0	670	0	0	0	0	0	600
Jack Lk.	11,000	150	800	0	0	1,700	150	0	1,200	600	150	60	1,700	450	400	125	0	0	18,485	150	0	0	150	50	7,500
Snicarte	650	15	75	0	100	250	0	0	0	0	0	0	0	0	0	0	0	0	1,090	0	0	0	0	0	300
Ingram Lk.	900	20	0	0	0	75	0	0	80	40	0	0	0	0	0	0	0	0	1,115	0	0	0	0	0	700
Stewart	150	5	0	0	0	40	0	0	0	0	0	0	0	0	0	0	0	0	195	0	0	0	0	0	250
Crane Lk.	16,000	250	2,800	100	500	2,900	250	75	1,000	350	100	50	1,200	550	900	80	0	0	27,105	250	0	0	250	300	6,000
Cuba Is.	22,000	400	3,400	0	150	3,300	150	80	500	175	40	0	350	125	80	40	0	0	30,790	400	200	0	600	150	4,500
Chain Lk.	1,200	20	250	0	50	500	0	10	0	0	0	0	0	0	0	0	0	0	2,030	0	0	0	0	0	500
Sangamon	2,400	30	175	0	125	250	0	30	150	30	0	0	0	0	0	0	0	0	3,190	150	0	0	150	75	250
Treadway	6,700	125	0	0	0	400	0	0	175	25	0	0	0	30	60	0	0	0	7,515	75	0	0	75	50	1,300
Muscooten	80	0	0	0	0	0	0	0	40	0	0	0	0	10	0	0	0	0	130	0	0	0	0	0	250
Big Prairie	37,000	500	3,500	40	150	2,700	400	150	1,300	400	175	50	800	150	300	60	0	0	47,675	600	150	0	750	400	1,800
Mercedia	5,200	80	250	0	75	600	75	80	650	200	80	0	300	80	50	25	0	0	7,745	125	0	0	125	75	2,500
Smith Lk.	60	0	0	0	0	25	0	0	0	0	0	0	0	0	0	0	0	0	85	0	0	0	0	0	300
Mercedia-Godard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOWER	1200,295	12,955	14,075	560	2,830	19,295	1,790	670	9,890	3,290	11,100	275	7,475	2,685	12,500	665	0	0	270,350	2,620	525	1,250	4,395	1,560	79,640

WATERFOAL CENSUS DATA

DATE: 11/10/86

UPPER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BWT	GWT	WTG	GAD	SH	SCAUP	RN	CWVB	RH	RDY	GLD	BH	C-MER	RB-MER	H-MER	TOT.DUCK	CG	SH.CG	GT.CG	TOT.CG	B&SG	COOT
Keokuk-Nauvoo	1,600	15	150	0	0	600	175	0	39,000	7,500	18,000	12,500	1,500	800	600	150	40	0	72,630	400	0	0	400	75	13,000
Arthur Refuge	2,300	25	80	0	100	250	75	40	0	0	0	0	0	0	0	0	0	0	2,870	0	0	0	0	0	1,000
Nauvoo-Ft. Mad.	4,500	60	1,800	0	75	1,300	100	125	92,000	14,000	31,000	5,200	2,400	1,200	900	250	60	0	154,970	800	100	0	900	250	26,000
Ft. Mad.-Dallas	2,700	40	175	50	250	400	60	30	4,700	900	1,300	250	500	250	125	80	15	0	11,825	75	0	0	75	0	1,200
Dallas-Burl.	1,600	25	50	0	0	300	0	20	1,800	350	650	125	175	80	50	25	0	0	5,250	150	0	0	150	60	800
Turkey Slough	80	0	0	0	0	0	0	0	175	80	0	0	40	15	0	0	0	0	390	0	0	0	0	0	250
Burl.-Oquawka	1,000	15	75	0	60	175	25	0	750	125	325	80	150	50	100	20	0	0	2,950	75	0	0	75	0	1,100
Crystal Lk.	250	15	0	0	0	0	0	0	40	0	0	0	0	0	0	0	0	0	305	0	0	0	0	0	400
Oquawka Refuge	1,700	25	0	0	0	150	0	0	150	60	0	0	0	0	0	0	0	0	2,085	40	0	0	40	0	300
Oqu.-Keithsburg	600	40	40	0	0	80	0	0	525	150	80	30	75	125	100	60	0	0	1,905	150	0	0	150	30	900
Keithsburg Ref.	11,000	175	150	75	100	600	175	50	150	60	0	0	0	0	0	0	0	0	12,535	0	0	0	0	0	1,800
New Boston	275	15	0	0	0	0	0	0	250	80	0	0	20	50	0	15	0	0	705	0	0	0	0	0	250
Louisa Refuge	19,000	300	1,900	50	150	1,500	300	75	800	250	125	50	200	80	150	60	0	0	24,990	5,800	200	0	6,000	75	2,500
Louisa-Musc.	600	25	40	0	0	150	0	0	450	175	60	20	125	50	75	30	0	0	1,800	300	0	0	300	50	600
Musc.-Moline	350	15	0	0	0	60	0	0	275	60	40	0	50	100	125	50	0	0	1,125	125	0	0	125	25	250
TOTAL UPPER	47,555	790	4,460	175	735	5,565	910	340	141,065	23,790	51,580	8,255	5,235	2,800	2,225	740	115	0	296,335	7,915	300	0	8,215	565	50,350
TOTAL LOWER	145,715	2,130	66,255	1,145	5,350	149,320	2,405	1,325	7,685	3,165	2,215	685	2,390	1,220	2,605	530	0	0	294,140	8,965	850	0	9,815	17,170	58,960
TOTAL	193,270	2,920	70,715	1,320	6,085	54,885	3,315	1,665	148,750	26,955	53,795	8,940	7,625	4,020	4,830	1,270	115	0	590,475	16,880	1,150	0	18,030	17,735	109,310

WATERFOUL CENSUS DATA

DATE: 11/10/86

LOWER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BWT	GWT	WIG	GAD	SH	SCALP	RN	CNVB	RH	ROY	GLD	BK	IC-MERG	RB-MER	H-MER	TOT-DUCK	CG	ISM-CG	GT-CG	TOT-CG	B&SG	COOT
Godar	700	15	80	50	150	125	0	30	0	0	0	0	0	0	0	0	0	0	1,150	0	0	0	0	0	600
Stump	1,000	10	50	100	300	250	0	60	30	0	0	0	0	0	0	0	0	0	1,800	0	0	0	0	0	1,200
Flat, Swan	18,000	300	3,000	200	800	2,500	400	150	900	350	275	40	500	80	350	40	0	0	27,885	800	100	0	900	600	4,500
Gilbert	650	20	125	0	75	250	40	30	60	20	0	0	0	0	0	0	0	0	1,270	225	0	0	225	40	600
Grafton-Alton	125	0	0	0	0	0	0	0	80	40	0	0	0	30	0	0	0	0	275	0	0	0	0	0	2,400
Hager	4,900	60	300	75	250	800	75	50	125	50	0	0	0	0	0	0	0	0	6,685	0	0	0	0	0	1,600
Marias Temp	1,200	15	450	125	500	600	40	75	100	75	0	0	30	25	0	0	0	0	3,235	0	0	0	0	0	2,100
Bardenne	47,000	700	32,000	200	900	21,000	600	350	900	250	175	80	150	100	150	75	0	0	104,630	1,500	100	0	1,600	5,500	12,000
Cuivre	19,000	250	9,000	50	400	7,500	150	80	350	75	80	0	75	40	80	20	0	0	37,150	0	0	0	0	0	5,800
Batch Pool	850	15	40	30	125	175	0	20	650	225	325	150	25	80	125	40	0	0	2,875	150	0	0	150	75	1,400
Batch Refuge	2,300	15	650	0	150	500	0	30	200	150	0	0	40	10	0	0	0	0	4,045	0	75	0	75	0	1,000
Gilead	450	10	0	0	0	125	0	0	40	0	0	0	0	0	0	0	0	0	625	0	0	0	0	0	250
Cannon Refuge	28,000	400	14,000	100	800	11,000	700	200	800	350	150	0	400	150	300	50	0	0	57,400	1,800	200	0	2,000	9,000	15,000
Duck Club	800	10	0	40	150	150	0	0	25	0	0	0	0	0	0	0	0	0	1,175	300	0	0	300	75	200
Calumet Refuge	450	20	0	0	50	60	0	0	0	0	0	0	0	0	0	0	0	0	580	0	0	0	0	0	150
Sny Slough	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	100
Delair Refuge	1,800	25	0	0	0	100	0	0	350	200	0	0	50	25	0	0	0	0	2,550	2,500	300	0	2,800	1,300	400
La.-Saver.	375	10	60	0	0	125	0	25	850	425	375	100	225	150	425	80	0	0	3,225	400	0	0	400	250	1,400
Shanks Refuge	16,000	200	6,500	100	500	3,800	400	150	250	100	0	0	20	0	0	0	0	0	28,020	125	0	0	125	0	2,800
Saver.-Hamibal	275	10	0	0	0	80	0	0	575	350	250	125	400	275	500	115	0	0	2,955	650	75	0	725	175	1,200
Gardner Club	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	0	0	0	0	0	60
Hamibal-Quincy	125	10	0	0	0	0	0	0	225	80	60	0	50	80	125	20	0	0	775	175	0	0	175	80	850
Quincy-Meyer	250	5	0	0	0	40	0	0	175	60	125	40	125	50	200	30	0	0	1,100	60	0	0	60	25	1,100
Gardner Refuge	1,000	20	0	75	200	80	0	75	150	40	0	0	0	0	0	0	0	0	1,640	200	0	0	200	0	150
Meyer-Keokuk	400	10	0	0	0	60	0	0	850	325	400	150	300	125	350	60	0	0	3,030	80	0	0	80	50	2,100
TOTAL LOWER	145,715	12,130	66,255	1,145	5,350	169,320	2,405	1,325	7,685	3,165	2,215	685	2,390	1,220	2,605	530	0	0	294,140	8,965	850	0	9,815	17,170	58,960

WATERFOUL CENSUS DATA

Date : 11/17/86

UPPER ILLINOIS VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BWT	GWT	WTC	GAD	SH	SCAUP	RN	CNVB	RH	ROY	GLD	BH	OLDSO	C-MER	RB-MER	H-MER	TOT. DUCK	CG	SM-CG	GT-CG	TOT. CG	B&SG	COOT
Turner Lk. Deque, Spring Coleman	40	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	55	0	0	0	0	0	0
	125	15	0	0	0	0	0	0	0	0	0	0	0	50	0	0	10	0	0	200	0	0	0	0	0	0
	275	20	0	0	0	0	0	0	0	0	0	0	0	80	0	0	30	0	0	405	0	0	0	0	0	40
Bureau Ponds Goose Senachwine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	45,000	800	900	50	200	1,200	250	0	1,300	450	500	150	900	1,900	400	0	600	75	80	54,755	5,800	300	0	6,100	1,600	200
	16,000	250	300	0	75	1,500	125	0	800	225	250	125	450	1,200	600	0	450	25	40	22,415	2,500	100	0	2,600	650	100
Siebold Sawmill Billsbach	350	25	0	0	0	0	0	0	40	0	0	0	0	150	50	0	0	0	0	615	0	0	0	0	0	0
	125	10	0	0	0	0	0	0	0	0	0	0	0	60	20	0	0	0	0	215	0	0	0	0	0	0
	175	20	0	0	0	0	0	0	0	0	0	0	0	80	0	0	25	0	0	300	0	0	0	0	0	30
Weis Lk. Sparland Wrightman	40	0	0	0	0	0	0	0	0	0	0	0	0	30	0	0	0	0	0	70	0	0	0	0	0	0
	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0
	60	5	0	0	0	0	0	0	0	0	0	0	0	50	0	0	10	0	0	125	0	0	0	0	0	0
Sawyer Hitchcock Round Pond	300	25	0	0	0	0	0	0	80	0	0	0	0	125	0	0	50	0	0	580	0	0	0	0	0	0
	8,500	150	0	0	0	125	0	0	350	150	80	20	40	350	100	0	75	0	30	9,970	900	50	0	950	200	0
	600	15	0	0	0	0	0	0	40	0	0	0	0	75	0	0	20	0	0	750	0	0	0	0	0	0
Meadow Rice Pond Goose Pond	30	0	0	0	0	0	0	0	25	0	0	0	0	30	0	0	30	0	0	115	0	0	0	0	0	40
	18,000	400	500	0	150	900	150	0	500	275	50	0	150	450	125	0	60	0	30	21,740	350	50	0	400	75	0
	1,300	35	0	0	0	0	0	0	175	80	0	0	30	175	40	0	75	30	0	1,940	50	0	0	50	0	0
Upper Peoria Lower Peoria Pekin Lk. Powerton Lk.	14,000	250	75	0	0	200	0	0	1,500	450	250	75	600	1,400	350	0	450	80	60	19,740	400	0	0	400	250	150
	250	15	0	0	0	0	0	0	225	50	0	0	40	225	0	0	80	0	0	885	0	0	0	0	0	25
	500	30	20	0	0	80	0	0	60	20	0	0	0	100	0	0	30	0	0	840	0	0	0	0	0	0
	6,300	100	0	0	0	250	0	0	450	175	100	0	75	400	80	0	150	50	20	8,150	600	0	200	800	300	500
TOTAL UPPER	111,995	12,165	1,795	50	425	4,255	525	0	5,545	1,875	1,230	370	2,285	6,945	1,765	0	12,145	260	260	143,890	10,600	500	200	11,300	3,075	1,085
TOTAL LOWER	196,775	13,215	2,280	170	460	5,940	1,485	0	6,550	2,650	1,745	510	3,325	6,825	2,845	0	12,035	215	520	123,545	3,540	250	1,550	5,340	1,840	10,560
TOTAL	308,770	25,380	4,075	220	885	10,195	2,010	0	12,095	4,525	2,975	880	5,610	13,770	4,610	0	24,180	475	780	267,435	14,140	750	1,750	16,640	4,915	11,645

WATERFOUL CENSUS DATA

Date : 11/17/86

LOWER ILLINOIS VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BWT	GMT	WIG	GAD	SH	SCAUP	RN	CNVB	RH	RDY	GLD	BH	OLDSQ	C-MERG	RB-MER	H-MER	TOT-DUCK	CG	SM-CG	GT-CG	TOT-CG	BA-SG	COOT
Manito Ditches	2,400	15	0	0	60	500	50	0	0	0	0	0	0	0	0	0	0	0	0	3,025	0	0	0	0	0	100
Spoon Riv. Btms.	500	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	525	0	0	0	0	400	0
Spring Lk.	7,500	80	150	0	0	800	30	0	350	125	75	40	600	350	125	0	75	0	40	10,340	0	0	0	0	0	8,000
Rice Lk.	800	15	0	0	0	60	0	0	80	30	0	0	175	125	40	0	30	0	0	1,355	0	0	0	0	0	200
Duck Creek C. Lk.	4,800	80	0	0	0	200	0	0	400	150	125	50	125	500	150	0	125	50	30	6,785	200	0	800	1,000	150	400
Barner Marsh	650	10	0	30	75	125	80	0	40	0	0	0	0	0	0	0	0	0	0	1,010	100	0	450	550	75	80
Big Lk.	8,700	125	80	40	200	450	75	0	500	250	150	0	200	75	0	0	25	0	0	10,870	0	0	0	0	0	150
Goose Lk.	150	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	155	0	0	0	0	0	0
Clear Lk.	24,000	275	75	0	0	200	0	0	800	300	125	40	100	900	250	0	325	60	75	27,525	400	0	100	500	80	300
Chautauqua	6,500	150	125	0	0	400	0	0	650	400	300	75	800	1,300	600	0	450	40	125	11,915	250	0	200	450	150	400
Quiver Cr.	2,400	80	50	0	50	175	0	0	0	0	0	0	0	30	0	0	0	0	0	2,785	0	0	0	0	0	125
Quiver Lk.	25	0	0	0	0	0	0	0	60	15	0	0	0	50	0	0	10	0	15	175	0	0	0	0	0	0
Negro Lk.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bath Lk.	325	15	0	0	0	30	0	0	75	25	0	0	0	0	0	0	0	0	0	470	0	0	0	0	0	0
Grass Lk.	1,400	30	0	0	0	75	0	0	125	0	0	0	0	125	0	0	50	0	0	1,805	0	0	0	0	0	0
Anderson	250	5	0	0	0	0	0	0	0	0	0	0	0	40	0	0	15	0	0	310	0	0	0	0	0	0
Moscow	150	20	0	0	0	0	0	0	30	0	0	0	0	0	0	0	0	0	0	200	0	0	0	0	0	0
Jack Lk.	8,500	150	75	0	0	150	0	0	600	175	400	125	400	1,000	700	0	350	0	80	12,705	150	0	0	150	125	150
Snicarte	400	15	0	25	25	30	0	0	0	0	0	0	0	0	0	0	0	0	0	495	0	0	0	0	30	30
Ingram Lk.	650	30	0	0	0	0	0	0	75	50	0	0	0	80	0	0	30	0	0	915	40	0	0	40	0	0
Stewart	125	5	0	0	0	0	0	0	60	30	0	0	0	40	0	0	15	0	0	275	0	0	0	0	0	0
Crane Lk.	24,000	400	250	0	0	500	300	0	800	250	150	60	0	500	250	0	175	40	40	27,715	600	100	0	700	300	150
Cuba Is.	69,000	1,200	600	0	0	1,200	700	0	500	175	125	50	600	650	400	0	250	25	100	75,575	350	0	0	350	150	100
Chain Lk.	600	20	0	0	0	75	0	0	50	0	0	0	0	20	0	0	0	0	0	765	0	0	0	0	0	0
Sangamon	800	30	0	0	0	125	0	0	0	0	0	0	0	0	0	0	0	0	0	955	0	0	0	0	0	50
Treadway	1,400	40	0	75	50	200	0	0	225	80	40	0	0	75	0	0	30	0	0	2,215	300	0	0	300	80	0
Muscooten	20	0	0	0	0	0	0	0	80	20	0	0	0	15	0	0	0	0	0	135	0	0	0	0	0	0
Big Prairie	28,000	350	800	0	0	500	250	0	400	175	80	20	200	400	250	0	80	0	0	31,505	900	150	0	1,050	125	200
Meredosia	2,700	40	75	0	0	125	0	0	650	400	175	50	125	550	80	0	0	0	15	4,985	250	0	0	250	175	100
Smith Lk.	30	5	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	55	0	0	0	0	0	25
TOTAL LOWER	196,775	3,215	2,280	170	460	5,940	1,485	0	6,550	2,650	11,745	510	3,325	6,825	2,845	0	12,035	215	520	123,545	3,540	250	1,550	5,340	1,840	10,560

WATERFOHL CENSUS DATA

DATE: 11/17/86

UPPER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BWT	GWT	WTG	GAD	SH	SCAUP	RN	CHVB	RH	RDY	GLD	BH	OLDS	C.MER	RB.MER	HL.MER	TOT.DUCK	CG	SH.CG	GT.CG	TOT.CG	B&SG	PEL	COO
Keokuk-Nauvoo	1,200	30	0	0	0	175	50	0	31,000	6,800	27,000	4,500	1,200	2,800	900	0	1,000	80	150	76,885	250	0	0	250	100	0	4,500
Arthur Refuge	1,800	40	50	0	0	80	0	0	0	0	0	0	0	75	0	0	40	0	0	2,085	0	0	0	0	0	0	300
Nauvoo-Ft. Mad.	2,400	50	150	0	75	250	125	0	68,000	9,500	48,000	8,000	12,000	5,200	1,400	0	1,200	125	80	146,555	500	0	0	500	175	6	6,800
Ft. Mad.-Dallas	1,000	20	30	0	0	80	0	0	2,500	350	1,200	250	400	900	300	0	325	40	40	7,435	75	0	0	75	25	0	300
Dallas-Burl.	1,800	30	0	0	0	125	25	0	1,400	275	650	175	150	450	175	0	150	15	10	5,430	300	0	0	300	150	0	50
Turkey Slough	450	15	0	0	0	0	0	0	550	80	30	0	0	50	0	0	15	0	0	1,190	0	0	0	0	0	0	0
Burl.-Oquawka	800	20	0	0	0	50	0	0	375	125	250	40	30	300	225	0	150	30	25	2,420	50	0	0	50	0	0	0
Crystal Lk.	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	0	0	0	0	0	0	0
Oquawka Refuge	2,300	40	0	0	0	50	0	0	80	30	0	0	0	125	0	0	40	0	0	2,665	75	0	0	75	0	0	0
Oqu.-Keithsburg	2,700	50	75	0	50	175	0	0	2,300	450	750	225	125	600	325	0	200	25	75	8,125	250	0	0	250	25	0	30
Keithsburg Ref.	18,000	250	100	0	0	400	0	0	350	175	75	0	0	100	0	0	40	0	0	19,490	400	50	0	450	50	0	0
New Boston	125	15	0	0	0	0	0	0	175	80	0	0	0	50	25	0	20	0	0	490	0	0	0	0	0	0	0
Louisa Refuge	24,000	400	500	0	0	800	150	0	350	125	80	0	50	650	100	0	175	0	20	27,400	1,800	200	0	2,000	150	0	100
Louisa-Musc.	800	35	50	0	0	125	0	0	575	200	125	30	0	225	80	0	50	10	0	2,305	300	0	0	300	75	0	0
Musc.-Moline	225	20	0	0	0	0	0	0	225	75	30	0	50	175	50	0	80	0	0	930	40	0	0	40	0	0	0
TOTAL UPPER	57,640	1,015	955	0	125	2,310	350	0	107,880	18,265	78,190	13,220	14,005	11,700	3,580	0	13,485	325	400	303,445	4,040	250	0	4,290	5,040	6	12,080
TOTAL LOWER	22,990	475	2,255	115	685	3,605	390	0	4,045	1,655	1,365	245	1,375	1,855	710	0	550	165	155	42,635	6,080	300	0	6,380	4,610	0	1,020
TOTAL	80,630	1,490	3,210	115	810	5,915	740	0	111,925	19,920	79,555	13,465	15,380	13,555	4,290	0	14,035	490	555	346,080	10,120	550	0	10,670	9,650	6	13,100

WATERFOWL CENSUS DATA

DATE: 11/17/86

LOWER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PMT	BWT	GWT	MTG	GAO	SH	SCAUP	RN	CNVB	RH	RDY	GLD	BH	TOLDS	C.MERG	RB.MER	H.MER	TOT.DUCK	CG	SH.CG	GT.CG	TOT.CG	B&SG	PEL	COOT
Godar Stump	400	15	50	0	75	300	40	0	80	0	0	0	0	30	0	0	20	0	0	1,010	0	0	0	0	0	0	75
Flat, Swan Gilbert	---																										
Grafton-Alton Hager																											
Marias Temp Dardenne																											
Culivre	---																										
Batch Pool	450	40	125	40	150	0	0	0	575	275	150	40	275	125	60	0	50	15	15	2,385	425	0	0	425	300	0	150
Batch Refuge	1,300	30	400	0	80	600	75	0	350	80	30	0	0	75	0	0	20	0	0	3,040	150	0	0	150	0	0	40
Gilead	250	10	0	0	0	60	0	0	40	0	0	0	0	20	0	0	5	0	0	385	0	0	0	0	0	0	
Cannon Refuge	9,500	150	1,200	75	200	1,500	200	0	400	225	75	0	80	125	75	0	40	0	0	13,845	1,000	100	0	1,100	1400	0	300
Duck Club	400	15	80	0	40	0	0	0	50	0	0	0	0	30	0	0	0	0	0	615	125	0	0	125	60	0	50
Calumet Refuge	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	0	0	0	0	0	0	
Sny Slough	75	0	0	0	0	0	0	0	75	0	0	0	0	15	0	0	0	0	0	165	0	0	0	0	0	80	
Delair Refuge	2,800	40	0	0	0	80	0	0	275	150	0	0	0	80	15	0	30	0	0	3,470	3,800	200	0	4,000	2500	0	50
La.-Saver.	425	15	50	0	30	125	0	0	375	225	450	100	350	275	125	0	60	25	50	2,680	225	0	0	225	150	0	75
Shanks Refuge	5,700	75	350	0	60	800	75	0	125	40	0	0	0	30	0	0	10	0	0	7,265	25	0	0	25	0	0	100
Saver.-Hannibal	225	35	0	0	50	20	0	0	450	175	150	30	80	125	80	0	40	15	25	1,500	150	0	0	150	125	0	0
Gardner Club	40	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	0	0	0	0	0	25	
Hannibal-Quincy	175	15	0	0	0	40	0	0	275	125	60	0	125	200	125	0	80	20	25	1,265	60	0	0	60	50	0	0
Quincy-Meyer	100	5	0	0	0	0	0	0	125	60	0	0	40	75	30	0	20	10	0	465	40	0	0	40	0	0	0
Gardner Refuge	450	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	450	0	0	0	0	0	0	0
Meyer-Keokuk	650	25	0	0	0	80	0	0	850	300	450	75	425	650	200	0	175	80	40	4,000	80	0	0	80	25	0	75
TOTAL LOWER	22,990	475	2,255	115	685	3,605	390	0	4,045	1,655	1,365	245	1,375	1,855	710	0	550	165	155	42,635	6,080	300	0	6,380	4,610	0	1,020

Not censused due to fog

WATERFOUL CENSUS DATA

Date : 11/24/86

UPPER ILLINOIS VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BUT	GWT	WTG	GAD	SH	SCAUP	RN	CNVB	RH	RDY	GLD	BH	OLDSD	C.MER	RB.MER	H.MER	TOT.DUCK	CG	SM.CG	GT.CG	TOT.CG	B&SG	COOT
Turner Lk.	20	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	0	0	0	0	0	
	275	15	0	0	0	0	0	0	100	30	0	0	0	60	0	0	25	0	0	505	0	0	0	0	0	
	350	20	0	0	0	0	0	0	0	0	0	0	0	80	0	0	40	0	0	490	30	0	0	30	0	
Bureau Ponds	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	70,000	1,300	1,400	0	100	2,500	200	0	800	350	400	175	400	1,400	600	0	450	80	50	80,205	6,500	500	0	7,000	900	
	19,000	300	600	0	0	1,200	100	0	350	125	175	80	250	900	450	0	300	50	40	23,920	1,400	200	0	1,600	250	
Senachwine	350	20	0	0	0	80	0	0	40	0	0	0	0	75	0	0	20	0	0	585	75	0	0	75	30	
	175	10	0	0	0	0	0	0	75	25	0	0	0	125	0	0	80	0	10	500	0	0	0	0	0	
	100	15	0	0	0	0	0	0	50	0	0	0	0	60	0	0	30	0	0	255	40	0	0	40	0	
Weis Lk.	25	0	0	0	0	0	0	0	60	0	0	0	0	80	0	0	10	0	0	175	50	0	0	50	0	
	10	0	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	5	40	0	0	0	0	0	
	60	5	0	0	0	0	0	0	30	0	0	0	0	60	0	0	25	0	0	180	0	0	0	0	0	
Sawyer	275	20	0	0	0	15	0	0	40	0	0	0	0	30	0	0	10	0	0	390	15	0	0	15	0	
	14,000	250	0	0	0	150	0	0	350	80	75	0	60	175	80	0	60	15	20	15,315	450	0	0	450	100	
	600	25	0	0	0	40	0	0	80	20	0	0	0	50	0	0	10	0	0	825	75	0	0	75	25	
Meadow	30	0	0	0	0	0	0	0	20	0	0	0	0	25	0	0	10	0	5	90	0	0	0	0	0	
	10,000	250	150	0	0	400	0	0	400	125	50	0	0	200	40	0	60	30	30	11,735	250	0	0	250	100	
	3,800	75	0	0	0	80	0	0	250	80	0	0	0	125	20	0	50	0	15	4,495	100	0	0	100	30	
Upper Peoria	18,000	300	0	0	0	150	0	0	1,200	350	600	150	125	1,000	275	0	375	60	25	22,610	500	100	0	600	250	
	125	5	0	0	0	0	0	0	150	40	0	0	0	175	0	0	30	0	0	525	50	0	0	50	0	
	250	10	0	0	0	50	0	0	60	15	0	0	0	75	0	0	15	0	0	475	0	0	0	0	0	
Powerton Lk.	3,200	50	0	0	0	150	0	0	325	75	80	25	75	450	125	0	100	40	30	4,725	150	0	0	150	40	
TOTAL UPPER	140,645	2,670	2,150	0	130	4,815	300	0	4,380	1,315	1,380	430	910	5,170	1,590	0	1,700	275	230	168,090	9,685	800	0	10,485	1,725	675
TOTAL LOWER	181,920	2,820	1,405	0	730	4,615	255	0	4,225	1,770	865	180	1,700	7,275	970	0	2,120	185	345	211,380	3,700	500	1,250	5,450	2,150	7,150
TOTAL	322,565	5,490	3,555	0	860	9,430	555	0	8,605	3,085	2,245	610	2,610	12,445	2,560	0	3,820	460	575	379,470	13,385	1,300	1,250	15,935	3,875	7,825

WATERFOUL CENSUS DATA

Date : 11/24/86

LOMER ILLINOIS VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BUT	GWT	WTG	GAD	SH	SCAUP	RN	CHVB	RH	RDY	GLD	BH	OLDSQ	C. MERG	RB. MER	N. MER	TOT. DUCK	CG	SM. CG	GT. CG	TOT. CG	B&SG	COOT
Manito Ditches	1,300	30	0	0	50	375	0	0	0	0	0	0	0	0	0	0	0	0	0	1,755	0	0	0	0	0	75
Spoon Riv. Btms.	125	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135	250	50	0	300	125	0
Spring Lk.	1,600	20	0	0	0	250	0	0	60	0	0	0	0	75	0	0	30	0	0	2,035	0	0	0	0	0	6,000
Rice Lk.	2,200	30	0	0	0	0	0	0	80	20	0	0	40	250	40	0	80	0	10	2,750	0	0	0	0	0	150
Duck Creek C. Lk	5,400	80	35	0	0	80	0	0	125	75	0	0	60	450	80	0	125	25	30	6,565	0	0	600	600	0	60
Barner Marsh	3,500	60	80	0	75	300	40	0	60	40	0	0	0	80	0	0	20	0	20	4,275	0	0	400	400	0	50
Big Lk.	5,800	75	0	0	0	80	0	0	225	80	40	0	50	175	60	0	75	20	20	6,700	400	50	150	600	100	80
Goose Lk.	600	15	0	0	0	0	0	0	0	0	0	0	0	80	20	0	30	10	0	755	0	0	0	0	0	0
Clear Lk.	14,000	300	60	0	0	150	0	0	500	250	125	40	125	650	125	0	175	40	40	16,580	150	0	0	150	80	0
Chautauqua	8,000	125	30	0	0	75	0	0	750	400	75	0	500	900	200	0	250	60	50	11,415	500	100	100	700	350	100
Quiver Cr.	1,700	30	100	0	125	250	30	0	0	0	0	0	0	0	0	0	0	0	0	2,235	0	0	0	0	0	60
Quiver Lk.	80	0	0	0	0	0	0	0	40	0	0	0	0	75	0	0	20	0	0	215	0	0	0	0	0	0
Negro Lk.	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0
Bath Lk.	150	5	0	0	0	0	0	0	0	0	0	0	0	40	0	0	15	0	0	210	0	0	0	0	0	0
Grass Lk.	800	20	0	0	0	60	0	0	75	0	0	0	0	175	0	0	60	0	0	1,190	0	0	0	0	0	0
Anderson	200	10	0	0	0	0	0	0	0	0	0	0	0	60	0	0	25	0	0	295	0	0	0	0	0	0
Moscow	325	15	0	0	0	40	0	0	0	0	0	0	0	150	0	0	40	0	10	580	0	0	0	0	0	0
Jack Lk.	6,700	100	0	0	0	150	0	0	350	125	50	25	400	1,200	125	0	350	30	40	9,645	250	0	0	250	400	50
Snicarte	350	10	0	0	0	20	0	0	0	0	0	0	0	15	0	0	0	0	0	395	0	0	0	0	0	0
Ingram Lk.	600	20	0	0	0	50	0	0	0	0	0	0	0	250	40	0	80	0	0	1,040	0	0	0	0	0	0
Stewart	80	0	0	0	0	0	0	0	0	0	0	0	0	50	0	0	10	0	0	140	0	0	0	0	20	0
Crane Lk.	16,000	200	150	0	0	400	0	0	575	250	125	40	250	700	125	0	225	0	50	19,090	400	0	0	400	150	75
Cuba Is.	78,000	1,200	500	0	200	900	75	0	250	80	50	0	125	500	80	0	150	0	25	82,135	600	200	0	800	250	200
Chain Lk.	650	10	0	0	0	60	0	0	0	0	0	0	0	75	0	0	20	0	0	815	0	0	0	0	0	0
Sargamon	300	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	320	275	0	0	275	300	0
Treadway	3,400	60	0	0	50	125	0	0	60	0	0	0	0	150	0	0	40	0	0	3,885	50	0	0	50	25	0
Muscooten	15	0	0	0	0	0	0	0	0	0	0	0	0	60	0	0	20	0	0	95	0	0	0	0	0	0
Big Prairie	19,000	250	300	0	150	800	50	0	275	100	0	0	0	300	0	0	80	0	0	21,305	500	100	0	600	150	100
Meredosa	11,000	125	150	0	80	450	60	0	800	350	400	75	150	800	75	0	200	0	50	14,765	325	0	0	325	200	150
Saith Lk.	20	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	35	0	0	0	0	0	0	0
TOTAL LOMER	181,920	2,820	1,405	0	730	4,615	255	0	4,225	11,770	865	180	1,700	7,275	970	0	12,120	185	345	211,380	3,700	500	1,250	5,450	2,150	7,150

WATERFOUL CENSUS DATA

DATE: 11/24/86

UPPER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BUT	GUT	WIG	GAD	SH	SCAP	RN	CNVB	RH	RDY	GLD	BH	ODDS	C.NER	RB.NER	H.NER	TOT.DUCK	CG	SM.CG	GT.CG	TOT.CG	BESG	COOT
Keokuk-Mauvo	1,800	30	0	0	0	175	0	0	27,000	5,500	30,000	3,800	1,800	3,500	700	0	1,300	150	80	75,835	600	75	0	675	175	2,800
Arthur Refuge	1,200	50	200	0	50	550	0	40	350	75	0	0	0	0	0	0	0	0	0	2,515	0	0	0	0	0	100
Mauvo-Ft. Mad.	3,500	75	80	0	75	300	75	0	42,000	7,000	56,000	8,500	2,500	6,700	1,600	0	2,100	100	100	130,705	1,200	200	0	1,400	200	4,500
Ft. Mad.-Dallas	2,700	40	0	0	0	80	30	0	1,900	400	2,300	350	400	900	175	0	275	10	15	9,575	80	0	0	80	40	100
Dallas-Burl.	1,400	40	25	0	0	50	0	0	300	80	650	175	60	375	40	0	60	0	0	3,255	250	0	0	250	60	0
Turkey Slough	150	10	0	0	0	0	0	0	80	30	0	0	0	60	0	0	10	0	0	340	0	0	0	0	0	0
Burl.-Oquawka	900	30	75	0	0	175	0	0	425	150	425	80	30	200	80	0	75	10	10	2,665	175	0	0	175	25	0
Crystal Lt.	60	0	0	0	0	0	0	0	30	0	0	0	0	0	0	0	0	0	0	90	0	0	0	0	0	0
Oquawka Refuge	5,200	100	0	0	50	80	0	0	125	50	0	0	0	60	0	0	30	0	0	5,695	50	0	0	50	0	0
Oqu.-Keithsburg	1,600	40	50	0	0	125	0	0	500	175	350	50	125	375	125	0	60	10	25	3,610	325	25	0	350	80	0
Keithsburg Ref.	12,000	200	150	0	0	300	0	0	75	30	0	0	0	60	0	0	15	0	0	12,830	200	0	0	200	0	0
New Boston	75	10	0	0	0	0	0	0	125	50	75	0	0	40	0	0	5	0	0	380	15	0	0	15	0	0
Louisa Refuge	15,000	250	75	0	0	200	0	0	150	80	50	0	40	250	0	0	80	0	0	16,175	1,300	100	0	1,400	50	0
Louisa-Musc.	700	50	0	0	0	50	0	0	325	100	225	75	80	400	60	0	100	30	10	2,205	250	0	0	250	40	0
Musc.-Holine	350	25	0	0	0	0	0	0	250	50	125	30	125	275	25	0	60	0	25	1,340	100	0	0	100	25	0
TOTAL UPPER	46,635	950	655	0	175	2,085	105	40	73,635	13,770	90,200	13,060	5,160	13,195	12,805	0	4,170	310	265	267,215	4,545	400	0	4,945	7,500	695
TOTAL LOWER	116,355	12,265	34,565	150	1,170	32,415	1,000	360	5,975	2,565	1,945	430	920	4,725	1,185	0	1,485	215	225	207,950	8,155	700	0	8,855	8,460	3,525
TOTAL	162,990	13,215	35,220	150	1,345	34,500	1,105	400	79,610	16,335	92,145	13,490	6,080	17,920	13,990	0	5,655	525	490	475,165	12,700	1,100	0	13,800	11,025	9,155

WATERFOAL CENSUS DATA

DATE: 11/24/86

LOWER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PMT	BUT	GWT	WTG	GAD	SH	SCAUP	RN	CNVB	RH	RDY	GLD	BH	OLDS	C-MERG	RB-MER	H-MER	TOT DUCK	CG	SM-CG	GT-CG	TOT-CG	B&SG	COOT
Goder	250	10	0	0	0	75	0	0	60	20	0	0	0	0	0	0	0	0	0	415	0	0	0	0	0	50
Stump	600	15	40	0	0	150	0	0	0	0	0	0	0	60	0	0	20	0	0	885	0	0	0	0	0	200
Flat, Swan	13,000	200	400	50	250	800	150	60	800	350	475	80	175	800	250	0	275	40	60	18,215	700	100	0	800	1,800	0
Gilbert	400	15	0	0	0	75	0	0	60	40	0	0	0	75	0	0	30	0	0	695	150	0	0	150	0	0
Grafton-Alton	60	0	0	0	0	0	0	0	125	60	0	0	0	100	0	0	40	0	0	385	0	0	0	0	0	0
Hager	2,400	50	75	0	0	150	0	0	0	0	0	0	0	50	0	0	15	0	0	2,740	0	0	0	0	0	0
Marias Temp	1,000	15	275	0	80	200	0	0	150	75	0	0	0	125	0	0	50	0	0	1,970	40	0	0	40	15	1,200
Dardenne	42,000	800	19,000	100	350	15,000	300	100	600	250	150	40	75	300	100	0	80	0	0	79,245	600	50	0	650	400	700
Culvre	15,000	300	6,800	0	150	7,500	150	50	250	80	40	0	0	125	0	0	50	0	0	30,525	0	0	0	0	0	150
Batch Pool	350	15	40	0	0	80	0	0	475	275	350	60	125	450	225	0	125	0	60	2,630	150	0	0	150	60	300
Batch Refuge	1,300	40	60	0	0	150	0	0	225	50	0	0	0	125	0	0	40	0	0	1,990	50	0	0	50	0	0
Gilead	250	5	0	0	0	0	0	0	80	25	0	0	0	60	0	0	15	0	0	435	40	0	0	40	0	0
Cannon Refuge	20,000	300	5,500	0	100	5,000	300	50	450	200	80	0	50	350	75	0	100	0	0	32,555	2,000	200	0	2,200	175	600
Duck Club	400	15	0	0	50	75	0	0	50	0	0	0	0	0	0	0	0	0	0	590	150	0	0	150	40	0
Calumet Refuge	900	15	75	0	60	150	0	0	0	0	0	0	0	0	0	0	0	0	0	1,200	0	0	0	0	0	0
Smy Slough	40	0	0	0	0	0	0	0	0	0	0	0	0	60	0	0	25	0	0	125	0	0	0	0	0	0
DeLafr Refuge	3,000	75	0	0	80	0	0	0	400	250	0	0	0	200	40	0	80	0	0	4,125	3,200	300	0	3,500	5,500	0
La.-Saver.	450	15	0	0	0	0	0	0	275	125	250	100	150	450	125	0	150	0	0	2,090	300	50	0	350	250	75
Shanks Refuge	13,000	250	2,300	0	50	2,800	100	100	150	75	0	0	0	80	0	0	20	0	0	18,925	75	0	0	75	0	200
Saver.-Hennibal	600	30	0	0	0	150	0	0	325	200	125	40	60	275	100	0	60	30	25	2,020	150	0	0	150	75	0
Gardner Club	30	0	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	55	0	0	0	0	0	0
Hennibal-Ouincy	150	10	0	0	0	0	0	0	175	60	0	0	100	150	40	0	25	50	0	760	25	0	0	25	0	0
Ouincy-Meyer	325	50	0	0	0	60	0	0	425	125	100	30	60	350	80	0	100	35	10	1,750	175	0	0	175	20	0
Gardner Refuge	600	25	0	0	0	0	0	0	250	80	0	0	0	40	0	0	10	0	0	1,005	0	0	0	0	0	0
Meyer-Kookuk	250	15	0	0	0	0	0	0	650	225	375	80	125	475	150	0	175	60	40	2,620	350	0	0	350	125	50
TOTAL LOWER	116,355	2,265	34,565	150	1,170	32,415	1,000	360	5,975	2,565	1,945	430	920	4,725	1,185	0	1,485	215	225	207,950	8,155	700	0	8,855	8,460	3,525

UPPER ILLINOIS VALLEY

Robert Crompton

LOCATION	WALLARD	BLK	PNT	BVT	GMT	WIG	GAD	SH	SCAUP	RN	CNVB	RH	RDY	GLD	BH	C-MER	RB-MER	H-MER	TOT.DUCK	CG	SM.CG	GT.CG	TOT. CG	BSSG	MUTESW	COOT
Turner Lk. Deque, Spring Coleman	25	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	40	0	0	0	0	0	0	0
	325	20	0	0	0	0	0	0	0	0	0	0	0	125	0	80	0	0	550	0	0	0	0	0	0	0
	200	30	0	0	0	0	0	0	0	0	0	0	0	80	0	40	0	0	350	75	0	0	75	0	0	0
Bureau Ponds Goose Senachwine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6,700	175	0	0	0	0	0	0	200	150	150	40	0	4,500	200	11,500	80	50	13,745	1,500	200	0	1,700	0	0	0
	12,000	250	0	0	0	0	0	0	75	100	80	30	0	3,200	75	11,000	40	80	16,930	900	100	0	1,000	0	0	0
Stebold Samuill Billsbach	150	15	0	0	0	0	0	0	0	0	0	0	0	250	0	80	0	0	495	175	0	0	175	0	0	0
	400	30	0	0	0	0	0	0	0	0	0	0	0	125	20	60	0	0	635	0	0	0	0	0	0	0
	200	20	0	0	0	0	0	0	0	0	0	0	0	275	0	100	0	0	595	0	0	0	0	0	0	0
Weis Lk. Sparland Wightman	40	0	0	0	0	0	0	0	0	0	0	0	0	60	0	25	0	0	125	40	0	0	40	0	0	0
	80	5	0	0	0	0	0	0	0	0	0	0	0	125	0	40	0	0	250	60	0	0	60	0	0	0
	15	0	0	0	0	0	0	0	0	0	0	0	0	80	0	25	0	0	120	0	0	0	0	0	0	0
Sawyer Ritchcock Round Pond	500	25	0	0	0	0	0	0	0	0	0	0	0	350	0	100	0	0	975	125	0	0	125	0	0	0
	4,600	40	0	0	0	0	0	0	100	50	0	25	0	200	30	80	0	0	5,125	800	100	0	900	0	0	0
	400	15	0	0	0	0	0	0	0	0	0	0	0	125	0	50	0	0	590	40	0	0	40	0	0	0
Meadow Rice Pond Goose Pond	20	0	0	0	0	0	0	0	0	0	0	0	0	60	0	10	0	0	90	0	0	0	0	0	0	0
	9,500	200	0	0	0	100	0	0	75	60	0	0	0	1,200	50	400	0	50	11,635	600	0	0	600	0	0	0
	800	30	0	0	0	0	0	0	0	0	0	0	0	350	0	125	0	0	1,305	150	0	0	150	0	0	0
Upper Peoria Lower Peoria Pekin Lk. Powerton Lk.	7,300	150	0	0	0	0	0	0	350	200	175	60	0	2,600	80	600	40	75	11,630	300	0	0	300	0	0	0
	250	10	0	0	0	0	0	0	60	0	0	0	0	400	20	75	0	0	815	0	0	0	0	0	0	0
	400	25	0	0	0	50	0	0	0	0	0	0	0	125	0	40	0	0	665	225	0	0	225	0	0	0
	3,800	75	100	0	0	300	0	0	250	175	200	50	0	4,500	100	11,200	150	50	10,950	800	100	200	1,100	0	4	150
TOTAL UPPER	47,705	1,115	125	0	0	450	0	0	1,110	735	605	205	0	18,745	575	15,630	310	305	77,615	5,790	500	200	6,490	0	4	150
TOTAL LOWER	215,420	4,345	505	0	0	1,480	0	0	725	545	345	80	0	7,910	630	12,325	0	150	234,460	9,495	800	1,975	12,270	125	11	260
TOTAL	263,125	5,460	630	0	0	1,930	0	0	1,835	1,280	950	285	0	26,655	1,205	17,955	310	455	312,075	15,285	1,300	2,175	18,760	125	15	410

WATERFOWL CENSUS DATA

DATE: 12/10/86

UPPER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	WALLARD	BLK	PNT	BUT	GNT	WIG	GAD	SW	SCAUP	RN	CHVB	RH	RDY	GLD	BH	C-MER	RFB-MER	H-MER	TOT-DUCK	CG	SM-CG	GT-CG	TOT-CG	BESG	MUTESW	COOT
Keokuk-Nauvoo	1,600	40		0	0	0	0	0	5,200	1,500	14,000	600	150	5,500	400	1,100	50	100	30,240	400	0	0	400	0	0	300
Arthur Refuge	2,400	50		0	0	50	0	0	0	0	0	0	0	125	0	25	0	0	2,650	0	0	0	0	0	0	50
Nauvoo-Ft. Mad.	1,800	30		0	0	0	0	0	9,500	2,900	27,000	1,600	50	9,500	30	1,700	125	250	54,485	600	100	0	700	0	0	600
Ft. Mad.-Dallas	1,200	40		0	0	0	0	0	900	250	1,500	250	0	7,300	75	1,500	50	75	13,140	250	0	0	250	0	0	75
Dallas-Burl.	750	25		0	0	0	0	0	350	200	800	125	0	1,200	50	250	0	40	3,790	500	0	0	500	0	0	0
Turkey Slough	80	0		0	0	0	0	0	75	0	150	0	0	500	0	80	0	0	885	0	0	0	0	0	0	0
Burl.-Oquawka	2,500	60		0	0	0	0	0	450	175	325	50	0	1,600	40	500	25	0	5,725	125	0	0	125	0	0	0
Crystal Lk.	125	5		0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	145	0	0	0	0	0	0	0
Oquawka Refuge	1,600	30		0	0	0	0	0	0	0	0	0	0	150	0	40	0	0	1,820	0	0	0	0	0	0	0
Oqu.-Keithsburg	900	15		0	0	0	0	0	275	125	450	75	0	1,100	150	375	30	20	3,515	400	0	0	400	0	0	0
Keithsburg Ref.	3,200	75		0	0	0	0	0	50	0	40	0	0	175	0	40	0	0	3,580	150	0	0	150	0	0	0
New Boston	125	15		0	0	0	0	0	0	0	100	0	0	250	0	60	0	0	550	50	0	0	50	0	0	0
Louisa Refuge	1,000	30		0	0	0	0	0	0	0	0	0	0	275	0	80	0	0	1,385	1,200	200	0	1,400	0	0	0
Louisa-Musc.	275	40		0	0	0	0	0	80	40	60	0	0	500	75	175	0	0	1,245	125	0	0	125	0	0	0
Musc.-Moline	400	25		0	0	0	0	0	50	0	80	0	0	325	0	125	0	20	1,025	75	0	0	75	0	0	0
TOTAL UPPER	17,955	480		0	0	50	0	0	16,930	5,190	44,505	2,700	200	28,515	820	16,050	280	505	124,180	3,875	300	0	4,175	0	0	11,025
TOTAL LOWER	75,770	1,815	8,230	0	100	3,300	225	0	1,030	1,045	930	155	165	6,255	565	11,755	0	270	101,610	3,440	250	0	3,690	3,415	4	0
TOTAL	93,725	2,295	8,230	0	100	3,350	225	0	17,960	6,235	45,435	2,855	365	34,770	1,385	17,805	280	775	225,790	7,315	550	0	7,865	3,415	4	11,025

WATERFOUL CENSUS DATA

DATE: 12/10/86

LOWER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	WALLARD	BLK	PNT	BUT	GUT	WIG	GAD	SH	SCAUP	RN	CNVB	RH	RDY	GLD	BH	C.HERG	RB-MER	H-MER	TOT-DUCK	CG	SM-CG	GT-CG	TOT-CG	BSSG	MUTESW	COOT
Godar	150	15	0	0	0	0	0	0	0	0	0	0	0	100	0	15	0	0	280	0	0	0	0	0	0	0
Stump	500	30	0	0	0	0	0	0	0	0	0	0	0	250	25	80	0	0	885	0	0	0	0	0	0	0
Flat, Swan	7,200	150	200	0	0	500	50	0	250	200	80	0	40	900	75	250	0	50	9,945	500	0	0	500	1,800	0	0
Gilbert	300	20	0	0	0	0	0	0	0	0	0	0	0	75	0	20	0	0	415	75	0	0	75	0	0	0
Grafton-Alton	400	30	0	0	0	0	0	0	40	50	0	0	0	225	20	100	0	0	865	0	0	0	0	0	0	0
Hager	900	40	0	0	0	0	0	0	0	0	0	0	0	175	0	40	0	0	1,155	0	0	0	0	0	0	0
Marias Temp	1,200	25	80	0	0	0	0	0	0	0	0	0	0	80	0	15	0	0	1,400	50	0	0	50	0	0	0
Dardenne	28,000	600	5,500	0	100	1,300	100	0	150	75	100	25	40	500	80	125	0	60	36,755	400	100	0	500	700	0	0
Cuivre	12,000	250	1,700	0	0	900	75	0	60	25	0	0	0	300	25	80	0	15	15,430	75	0	0	75	50	0	0
Batch Pool	700	25	0	0	0	0	0	0	175	100	250	60	60	250	50	100	0	30	1,800	250	0	0	250	300	0	0
Batch Refuge	1,000	40	150	0	0	0	0	0	0	40	0	0	0	175	0	40	0	0	1,445	125	0	0	125	0	0	0
Gilead	150	10	0	0	0	0	0	0	0	0	0	0	0	60	0	20	0	0	240	40	0	0	40	0	0	0
Cannon Refuge	6,300	150	200	0	0	100	0	0	0	0	0	0	0	150	0	30	0	0	6,930	100	0	0	100	0	2	0
Duck Club	400	20	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	440	50	0	0	50	0	0	0
Calumet Refuge	150	10	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	170	0	0	0	0	0	0	0
Sny Slough	20	0	0	0	0	0	0	0	0	0	0	0	0	40	0	10	0	0	70	0	0	0	0	0	0	0
Detair Refuge	1,200	40	0	0	0	0	0	0	0	50	0	0	0	275	0	40	0	0	1,605	600	100	0	700	400	2	0
La.-Saver.	375	20	0	0	0	0	0	0	80	40	150	30	0	550	30	175	0	0	1,450	150	0	0	150	40	0	0
Shanks Refuge	13,000	250	400	0	0	500	0	0	0	0	0	0	0	150	0	40	0	0	14,340	300	0	0	300	0	0	0
Saver.-Hannibal	450	15	0	0	0	0	0	0	50	60	40	0	0	325	60	100	0	40	1,140	250	0	0	250	75	0	0
Gardner Club	25	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	40	0	0	0	0	0	0	0
Hannibal-Guincy	175	10	0	0	0	0	0	0	0	80	0	0	0	475	0	150	0	0	890	75	0	0	75	0	0	0
Guincy-Meyer	600	20	0	0	0	0	0	0	100	125	60	0	0	325	75	80	0	15	1,400	200	50	0	250	0	0	0
Gardner Refuge	350	30	0	0	0	0	0	0	0	0	0	0	0	80	0	20	0	0	480	150	0	0	150	0	0	0
Meyer-Keokuk	225	15	0	0	0	0	0	0	125	200	250	40	25	750	125	225	0	60	2,040	50	0	0	50	50	0	0
TOTAL LOWER	75,770	1,815	8,230	0	100	3,300	225	0	1,030	1,045	930	155	165	6,255	565	1,755	0	270	101,610	3,440	250	0	3,690	3,415	4	0

WATERFOUL CENSUS DATA

DATE: 12/11/86

SOUTHERN

Robert Crompton

LOCATION	MALLARD	BLK	PWT	BHT	GWT	WTG	GAD	SH	SCALP	RN	CNVB	RH	RDY	GLD	BK	C-MER	H-MER	TOT.DUCK	CG	SM.CG	GT.CG	TOT. CG	B&SG	COOT
Clinton C. Lk.	600	30	0	0	0	0	0	0	0	0	0	0	0	450	0	75	0	1,155	500	0	0	500	0	0
Lk. Springfield	800	60	0	0	0	0	0	0	0	0	0	0	0	300	0	50	0	1,210	250	0	0	250	0	0
Sangchris C. Lk.	1,400	80	0	0	0	0	0	0	0	0	0	0	0	550	0	100	0	2,130	300	0	0	300	0	0
Shelbyville Res.	2,300	100	0	0	0	0	0	0	0	0	0	0	0	700	0	150	0	3,250	1,200	0	0	1,200	0	0
Norton C. Lk.	2,800	400	0	0	0	75	0	0	50	0	0	0	0	400	0	125	0	3,850	1,500	0	0	1,500	50	200
Carlyle Res.	8,500	175	100	0	0	400	0	0	100	75	400	0	0	12,300	75	500	0	12,625	9,000	0	0	9,000	200	0
Rend Lake Res.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Baldwin C. Lk.	1,200	40	0	0	0	100	0	0	0	0	75	0	0	600	0	150	0	2,165	3,500	0	0	3,500	700	0
TOTAL	17,600	885	100	0	0	575	0	0	150	75	475	0	0	15,300	75	1,150	0	26,385	16,250	0	0	16,250	950	200

MIDWINTER SURVEY

WATERFOWL CENSUS DATA

Date : 01/05/87

UPPER ILLINOIS VALLEY

Robert Crompton

LOCATION	WALLARD	BLK	PNT	BVT	GVT	WIG	GAD	SH	SCAUP	RN	CHVB	RH	RDY	GLD	BH	C.MER	RB.MER	W.MER	TOT.DUCK	CG	SM.CG	GT.CG	TOT.CG	BASS	MUTESU	COOT
Turner Lk. Depue, Spring Coleman	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	
	75	10	0	0	0	0	0	0	0	0	0	0	0	125	0	50	0	0	260	0	0	0	0	0	0	
	150	15	0	0	0	0	0	0	0	0	0	0	0	40	0	10	0	0	215	0	0	0	0	0	0	
Bureau Ponds Goose Senachwine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	6,700	150	0	0	0	0	0	0	0	0	0	0	0	1,900	0	350	0	80	9,180	1,900	200	0	2,100	0	0	
	2,500	60	0	0	0	0	0	0	0	0	0	0	0	1,200	0	400	0	100	4,260	1,200	100	0	1,300	0	0	
Siebold Sawmill Billsbach	175	10	0	0	0	0	0	0	0	0	0	0	0	80	0	30	0	0	295	50	0	0	50	0	0	
	300	30	0	0	0	0	0	0	0	0	0	0	0	175	0	80	0	20	605	500	50	0	550	0	0	
	80	10	0	0	0	0	0	0	0	0	0	0	0	100	0	30	0	0	220	75	0	0	75	0	0	
Wells Lk. Spartland Wightman	20	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	35	0	0	0	0	0	0	
	40	15	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	80	0	0	0	0	0	0	
	25	0	0	0	0	0	0	0	0	0	0	0	0	150	0	20	0	0	195	0	0	0	0	0	0	
Sauyer Hitchcock Round Pond	150	25	0	0	0	0	0	0	0	0	0	0	0	80	0	50	0	10	315	50	0	0	50	0	0	
	900	40	0	0	0	0	0	0	0	0	0	0	0	275	0	80	0	30	1,325	400	0	0	400	0	0	
	225	15	0	0	0	0	0	0	0	0	0	0	0	60	0	10	0	0	310	0	0	0	0	0	0	
Meadow Rice Pond Goose Pond	15	0	0	0	0	0	0	0	0	0	0	0	0	25	0	25	0	0	65	0	0	0	0	0	0	
	7,300	150	0	0	0	0	0	0	0	0	0	0	0	800	0	275	0	50	8,575	500	0	0	500	0	0	
	500	25	0	0	0	0	0	0	0	0	0	0	0	350	0	150	0	0	1,025	75	0	0	75	0	0	
Upper Peoria Lower Peoria Pekin Lk. Powerton Lk.	1,400	40	0	0	0	0	0	0	0	0	0	0	0	1,200	0	375	0	80	3,095	800	100	200	1,100	0	3	
	150	20	0	0	0	0	0	0	0	0	0	0	0	275	0	80	0	0	525	0	0	0	0	0	0	
	400	30	0	0	0	0	0	0	0	0	0	0	0	150	0	60	0	25	665	0	0	50	50	0	0	
TOTAL UPPER TOTAL LOWER TOTAL	5,500	150	0	0	0	0	0	0	0	0	0	0	0	1,700	0	300	60	50	7,760	300	0	100	400	0	4	
	26,620	795	0	0	0	0	0	0	0	0	0	0	0	8,725	0	2,375	60	445	39,020	5,850	450	350	6,650	0	7	
	60,590	1,515	0	0	0	475	0	0	0	0	0	0	0	9,695	0	2,630	40	500	75,445	6,450	850	4,555	11,855	125	14	
	87,210	2,310	0	0	0	475	0	0	0	0	0	0	0	18,420	0	5,005	100	945	114,465	12,300	1,300	4,905	18,505	125	21	

WATERFOUL CENSUS DATA

Date : 01/05/87

LOWER ILLINOIS VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BUT	GUT	WIG	GAD	SH	SCAUP	RN	CHVB	RH	RDY	GLD	BK	C-MERG	RB-MER	M-MER	TOT.DUCK	CG	SM.CG	GT.CG	TOT. CG	B&SG	MUTESU	COOT
Manito ditches Spoon Riv. Btms. Spring Lk. Rice Lk. Duck Creek C. Lk	1,600	50	0	0	0	250	0	0	0	0	0	0	0	10	0	0	0	0	0	1,910	0	0	0	0	0	0
	700	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	720	0	0	400	0	0	0
	400	15	0	0	0	0	0	0	0	0	0	0	0	125	0	40	0	20	600	0	0	60	60	0	8	
	750	40	0	0	0	0	0	0	0	0	0	0	0	325	0	50	0	0	1,165	0	0	150	150	0	0	
	2,700	80	0	0	0	100	0	0	0	0	0	0	0	1,500	0	350	40	75	4,845	0	0	1,800	1,800	0	3	
Banner Marsh Big Lk. Goose Lk. Clear Lk. Chautauque	250	10	0	0	0	0	0	0	0	0	0	0	0	40	0	5	0	0	0	305	0	0	75	0	0	0
	1,300	30	0	0	0	0	0	0	0	0	0	0	0	450	0	80	0	0	1,860	0	0	200	0	2	0	
	650	25	0	0	0	0	0	0	0	0	0	0	0	200	0	60	0	40	975	0	0	20	0	0	0	
	2,500	40	0	0	0	50	0	0	0	0	0	0	0	900	0	175	0	20	3,685	0	0	450	0	0	0	
	5,800	150	0	0	0	0	0	0	0	0	0	0	0	1,100	0	300	0	50	7,400	0	0	600	600	0	1	
Quiver Cr. Quiver Lk. Negro Lk. Bath Lk. Grass Lk.	1,200	30	0	0	0	75	0	0	0	0	0	0	0	60	0	10	0	20	1,395	0	0	150	0	0	0	
	80	15	0	0	0	0	0	0	0	0	0	0	0	125	0	40	0	0	260	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	125	10	0	0	0	0	0	0	0	0	0	0	0	80	0	15	0	0	230	0	0	0	0	0	0	
	75	20	0	0	0	0	0	0	0	0	0	0	0	100	0	20	0	0	215	0	0	0	0	0	0	
Anderson Moscow Jack Lk. Snicarte Ingram Lk.	100	5	0	0	0	0	0	0	0	0	0	0	0	75	0	30	0	10	220	0	0	0	0	0	0	
	300	30	0	0	0	0	0	0	0	0	0	0	0	100	0	25	0	0	455	0	0	0	0	0	0	
	800	40	0	0	0	0	0	0	0	0	0	0	0	650	0	200	0	80	1,770	0	0	50	50	0	0	
	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	0	0	0	0	0	0	
	150	15	0	0	0	0	0	0	0	0	0	0	0	275	0	60	0	15	515	0	0	0	0	0	0	
Stewart Crane Lk. Cuba Is. Chain Lk. Sangamon	80	10	0	0	0	0	0	0	0	0	0	0	0	100	0	30	0	0	220	0	0	0	0	0	0	
	3,500	80	0	0	0	0	0	0	0	0	0	0	0	1,300	0	400	0	50	5,330	800	200	100	1,100	0	0	
	7,300	150	0	0	0	0	0	0	0	0	0	0	0	800	0	250	0	50	8,550	2,500	300	500	3,300	75	0	
	400	10	0	0	0	0	0	0	0	0	0	0	0	75	0	20	0	0	505	0	0	0	0	0	0	
	5,700	100	0	0	0	0	0	0	0	0	0	0	0	250	0	80	0	10	6,140	1,700	100	0	1,800	0	0	
Treadway Muscooten Big Prairie Meredosia Salish Lk. Meredosia-Godard	250	15	0	0	0	0	0	0	0	0	0	0	0	100	0	40	0	0	405	200	0	0	200	0	0	
	10	0	0	0	0	0	0	0	0	0	0	0	0	60	0	20	0	20	110	0	0	0	0	0	0	
	23,000	500	0	0	0	0	0	0	0	0	0	0	0	600	0	250	0	40	24,390	1,200	250	0	1,450	50	0	
	800	25	0	0	0	0	0	0	0	0	0	0	0	275	0	80	0	0	1,180	50	0	0	50	0	0	
	30	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	50	0	0	0	0	0	0	
TOTAL LOWER	60,590	1,515	0	0	0	475	0	0	0	0	0	0	0	9,695	0	12,630	40	500	75,445	6,450	850	14,555	125	14	0	

WATERFOWL CENSUS DATA

DATE: 01/05/87

UPPER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PMT	BUT	GWT	WIG	GAD	SH	SCALP	RN	CHVB	RH	RDY	GLD	BH	C-MER	RB-MER	N-MER	TOT. DUCK	CG	SH-CG	GT-CG	TOT. CG	B&SG	MUTESH	COOT
Keokuk-Mauvo	600	50	0	0	0	0	0	0	400	125	1,200	100	0	1,900	0	525	50	75	5,025	200	0	0	200	0	0	
Arthur Refuge	250	20	0	0	0	0	0	0	0	0	0	0	0	30	0	5	0	0	305	0	0	0	0	0	0	
Mauvo-Ft. Mod.	7,500	150	0	0	0	0	0	0	700	300	2,100	200	0	6,800	0	1,100	175	150	19,175	500	100	0	600	0	0	
Ft. Mod.-Dallas	900	50	0	0	0	0	0	0	125	0	350	0	0	2,300	0	400	25	50	4,200	125	0	0	125	0	0	
Dallas-Burl.	450	30	0	0	0	0	0	0	0	0	75	0	0	1,200	0	250	40	20	2,065	50	0	0	50	0	0	
Turkey Slough	75	0	0	0	0	0	0	0	0	0	0	0	0	225	0	60	0	0	360	0	0	0	0	0	0	
Burl.-Oquawka	1,300	40	0	0	0	0	0	0	0	0	0	0	0	650	0	175	20	0	2,185	0	0	0	0	0	0	
Crystal Lk.	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	
Oquawka Refuge	300	15	0	0	0	0	0	0	0	0	0	0	0	75	0	10	0	0	400	0	0	0	0	0	0	
Oqu.-Keithsburg	750	50	0	0	0	0	0	0	0	0	0	0	0	400	0	125	0	40	1,365	0	0	0	0	0	0	
Keithsburg Ref.	5,300	125	0	0	0	0	0	0	0	0	0	0	0	250	0	50	0	0	5,725	250	25	0	275	0	0	
New Boston	125	15	0	0	0	0	0	0	0	0	0	0	0	125	0	75	0	0	340	30	0	0	30	0	0	
Louisa Refuge	500	30	0	0	0	0	0	0	0	0	0	0	0	150	0	40	0	0	720	700	100	0	800	0	0	
Louisa-Musc.	175	10	0	0	0	0	0	0	0	0	0	0	0	525	0	175	0	20	905	150	0	0	150	0	0	
Musc.-Moline	250	25	0	0	0	0	0	0	0	0	0	0	0	300	0	125	0	30	730	0	0	0	0	0	0	
TOTAL UPPER	18,485	610	0	0	0	0	0	0	1,225	425	3,725	300	0	14,950	0	3,115	310	385	43,510	12,005	225	0	2,230	0	0	
TOTAL LOWER	43,950	1,230	1,425	0	0	725	0	0	0	0	700	0	0	6,065	0	2,205	0	555	56,855	16,540	840	0	7,380	200	4	
TOTAL	62,435	1,840	1,425	0	0	725	0	0	1,225	425	4,425	300	0	20,995	0	5,320	310	940	100,365	18,545	1,065	0	9,610	200	4	

WATERFOUL CENSUS DATA

DATE: 01/05/87

LOWER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	WALLARD	BLK	PNT	BWT	GUT	WIG	GAD	SH	SCAUP	RN	CHVB	RH	RDY	GLD	BH	C-NERGI	RB-NER	W-NER	TOT_DUCK	CG	SM-CG	GT-CG	TOT. CG	B4SG	MUTESM	COOT
Godar	150	15	0	0	0	0	0	0	0	0	0	0	0	60	0	15	0	0	240	0	0	0	0	0	0	0
Stump	1,200	40	0	0	0	0	0	0	0	0	0	0	0	250	0	80	0	15	1,585	1,300	200	0	1,500	50	0	0
Flat, Sun	2,700	60	0	0	0	0	0	0	0	0	0	0	0	800	0	250	0	75	3,885	400	0	0	400	0	0	0
Gilbert	250	15	0	0	0	0	0	0	0	0	0	0	0	75	0	20	0	0	360	150	40	0	190	0	0	0
Grafton-Alton	125	25	0	0	0	0	0	0	0	0	0	0	0	275	0	100	0	20	545	125	0	0	125	0	0	0
Hager	600	20	0	0	0	0	0	0	0	0	0	0	0	50	0	10	0	0	680	50	0	0	50	0	0	0
Naras Temp	275	30	0	0	0	0	0	0	0	0	0	0	0	30	0	10	0	0	345	0	0	0	0	0	0	0
Dardenne	8,500	175	800	0	0	450	0	0	0	0	0	0	0	600	0	250	0	80	10,855	600	50	0	650	150	2	0
Culvre	3,200	80	150	0	0	100	0	0	0	0	0	0	0	175	0	60	0	15	3,780	75	0	0	75	0	0	0
Batch Pool	15,000	300	400	0	0	175	0	0	0	0	500	0	0	525	0	200	0	50	17,150	450	50	0	500	0	0	0
Batch Refuge	600	30	0	0	0	0	0	0	0	0	0	0	0	125	0	50	0	10	815	40	0	0	40	0	0	0
Gilead	80	10	0	0	0	0	0	0	0	0	0	0	0	60	0	30	0	0	180	100	0	0	100	0	0	0
Canon Refuge	5,500	150	75	0	0	0	0	0	0	0	0	0	0	150	0	40	0	25	5,940	1,200	200	0	1,400	0	0	0
Duck Club	425	25	0	0	0	0	0	0	0	0	0	0	0	30	0	5	0	0	485	150	0	0	150	0	0	0
Calumet Refuge	150	10	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	170	0	0	0	0	0	0	0
Sny Slough	30	0	0	0	0	0	0	0	0	0	0	0	0	80	0	20	0	0	130	0	0	0	0	0	0	0
Delair Refuge	1,200	40	0	0	0	0	0	0	0	0	0	0	0	150	0	60	0	30	1,480	800	150	0	950	0	0	0
La.-Saver.	350	20	0	0	0	0	0	0	0	0	75	0	0	450	0	175	0	35	1,105	125	0	0	125	0	0	0
Shanks Refuge	1,800	50	0	0	0	0	0	0	0	0	0	0	0	300	0	100	0	25	2,275	600	100	0	700	0	2	0
Saver.-Hannibal	225	15	0	0	0	0	0	0	0	0	0	0	0	225	0	60	0	40	565	125	0	0	125	0	0	0
Gardner Club	40	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	50	0	0	0	0	0	0	0
Hannibal-Quincy	450	35	0	0	0	0	0	0	0	0	0	0	0	450	0	225	0	60	1,220	50	50	0	100	0	0	0
Quincy-Meyer	175	20	0	0	0	0	0	0	0	0	0	0	0	325	0	150	0	50	720	0	0	0	0	0	0	0
Gardner Refuge	300	15	0	0	0	0	0	0	0	0	0	0	0	60	0	20	0	0	395	0	0	0	0	0	0	0
Meyer-Keokuk	625	50	0	0	0	0	0	0	0	0	125	0	0	800	0	275	0	25	1,900	200	0	0	200	0	0	0
TOTAL LOWER	43,950	1,250	1,425	0	0	725	0	0	0	0	700	0	0	6,065	0	2,205	0	555	56,855	16,540	840	0	7,380	200	4	0

WATERFOWL CENSUS DATA

DATE: 01/06/87

SOUTHERN

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BUT	GJT	WIG	GAD	SH	SCAUP	RN	CNVB	RK	RDY	GLD	BH	OLDS	C.MER	RB.MER	H.MER	TOT.DUCK	CG	SH.CG	GT.CG	TOT. CG	B&SG
Clinton C. Lk.	550	25	0	0	0	0	0	0	0	0	0	0	0	400	0	0	80	0	0	1055	250	0	0	250	0
Lk. Springfield	800	40	0	0	0	0	0	0	0	0	0	0	0	250	0	0	100	0	20	1210	100	0	0	100	0
Sangchris C. Lk.	1300	50	0	0	0	0	0	0	0	0	0	0	0	375	0	0	125	0	40	1890	600	0	0	600	0
Shelbyville Res.	900	25	0	0	0	0	0	0	0	0	0	0	0	300	0	0	75	0	0	1300	300	0	0	300	0
Newton C. Lk.	1600	100	0	0	0	75	0	0	0	0	0	0	0	550	0	0	125	0	60	2510	2500	0	0	2500	25
Carlyle Res.	7500	200	350	0	0	500	0	0	0	0	200	0	0	5800	0	0	1100	0	100	15750	18000	0	0	18000	100
Rend Lake Res.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Baldwin C. Lk.	1200	50	0	0	0	0	0	0	0	0	0	0	0	600	0	0	175	0	30	2055	2500	0	0	2500	300
SUBTOTAL	13850	490	350	0	0	575	0	0	0	0	200	0	0	8275	0	0	1780	0	250	25770	24250	0	0	24250	425

SPRING CENSUSES

JATERFOUL CENSUS DATA

Date : 03/02/87

UPPER ILLINOIS VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BWT	GWT	WTG	GAD	SH	SCAUP	RN	CHVB	RN	RDY	GLD	BH	C.HER	RB.HER	N.HER	TOT.DUCK	CG	SH.CG	GT.CG	TOT.CG	BSSG	MUTESU	COOT
Turner Lk.	125	10	0	0	0	0	0	0	0	0	0	0	0	0	60	0	25	0	10	230	0	0	0	0	0	0
Deque, Spring	400	25	80	0	0	0	0	0	0	0	0	0	0	0	350	0	100	0	0	955	350	0	0	350	0	0
Colman	650	30	0	0	0	50	0	0	0	0	0	0	0	0	175	0	30	0	0	935	800	0	0	800	0	0
Bureau Ponds	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	0
Goose	2,900	50	300	0	0	450	60	0	150	60	80	0	75	800	30	250	0	60	5,265	4,500	400	0	4,900	200	0	0
Senshvine	1,200	40	150	0	0	75	20	0	75	0	40	0	0	350	0	80	0	20	2,050	1,800	100	0	1,900	75	0	0
Stebold	850	25	0	0	0	0	0	0	0	0	0	0	0	125	0	30	0	0	1,030	250	0	0	250	0	0	0
Sawmill	175	5	0	0	0	0	0	0	0	0	0	0	0	200	0	125	0	0	505	75	0	0	75	20	0	0
Billsbach	200	15	0	0	0	0	0	0	0	0	0	0	0	125	0	60	0	30	430	100	0	0	100	0	0	0
Uels Lk.	40	0	0	0	0	0	0	0	0	0	0	0	0	50	0	0	0	0	90	50	0	0	50	0	0	0
Sparland	75	0	0	0	0	0	0	0	0	0	0	0	0	80	0	15	0	0	170	15	0	0	15	0	0	0
Mightman	125	10	0	0	0	0	0	0	0	0	0	0	0	40	0	10	0	0	185	0	0	0	0	0	0	0
Sawyer	300	25	50	0	0	60	0	0	0	0	0	0	0	175	0	30	0	0	640	200	0	0	200	0	0	0
Hitchcock	1,400	40	0	0	0	80	0	0	50	0	0	0	0	300	0	80	0	0	1,950	600	100	0	700	50	0	0
Round Pond	350	15	0	0	0	0	0	0	0	0	0	0	0	125	0	40	0	0	530	75	0	0	75	0	0	0
Meadow	50	5	0	0	0	0	0	0	0	0	0	0	0	100	0	25	0	30	210	40	0	0	40	0	0	0
Rice Pond	2,500	50	600	0	0	350	100	0	175	80	0	0	0	500	0	175	0	50	4,580	1,200	0	0	1,200	150	0	0
Goose Pond	300	15	0	0	0	0	0	0	0	0	0	0	0	125	0	50	0	0	490	400	0	0	400	0	0	0
Upper Peoria	700	25	0	0	0	80	0	0	300	100	175	40	50	700	60	225	0	25	2,480	800	0	0	800	75	0	0
Lower Peoria	175	10	0	0	0	0	0	0	0	0	0	0	0	150	0	60	0	0	395	300	0	50	350	0	0	0
Pekin Lk.	1,300	30	275	0	0	150	30	0	60	30	0	0	0	300	0	125	0	20	2,320	600	0	150	750	50	0	0
Powerton Lk.	400	15	0	0	0	0	0	0	75	0	50	0	0	500	0	175	60	0	1,275	400	0	100	500	50	0	0
TOTAL UPPER	14,235	440	1,455	0	0	1,295	210	0	885	270	345	40	125	5,330	90	11,710	60	265	26,735	12,555	600	300	13,455	670	0	0
TOTAL LOWER	54,775	980	17,290	0	0	6,495	980	115	2,665	835	1,870	240	275	112,460	150	12,860	20	470	102,480	27,700	700	14,250	32,650	800	19	100
TOTAL	69,010	1,420	18,745	0	0	7,790	1,190	115	3,550	1,105	2,215	280	400	117,790	240	14,570	80	715	1129,215	40,255	1,300	14,550	46,105	1,470	19	100

WATERFOAL CENSUS DATA

Date : 03/02/87

LOWER ILLINOIS VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BUT	GUT	WIG	GAD	SH	SCAUP	RN	CHVB	RH	RDY	GLD	BH	C.HERG	RB.MER	M.MER	TOT.DUCK	CG	SM.CG	GT.CG	TOT.CG	BESG	MUTESW	COOT
Manito Ditches	1,800	25	400	0	0	400	50	0	0	0	0	0	0	0	0	0	0	0	2,675	400	0	0	400	0	0	
	7,500	125	2,800	0	0	900	125	0	175	80	200	50	0	800	0	175	0	50	12,980	3,800	200	600	4,600	150	0	
	750	10	900	0	0	250	20	0	500	100	300	40	40	500	30	60	0	0	3,500	300	0	150	450	0	0	
	1,200	20	650	0	0	100	40	0	80	50	150	20	0	300	0	80	0	30	2,720	600	0	200	800	0	0	
Duck Creek C. Lk	200	5	125	0	0	0	0	0	0	0	25	0	0	900	0	150	20	15	1,440	150	0	300	450	0	0	
	1,500	50	500	0	0	175	60	0	25	0	0	0	0	60	0	15	0	10	2,395	500	0	1,000	1,500	40	0	
	800	30	175	0	0	0	20	0	150	75	60	0	0	700	0	125	0	40	2,175	150	0	50	200	0	0	
	150	60	0	0	0	0	0	0	0	0	0	0	0	75	0	15	0	0	300	75	0	0	75	0	0	
Clear Lk.	2,700	50	1,200	0	0	400	80	0	300	100	375	50	50	800	60	175	0	50	6,390	1,500	0	400	1,900	60	0	
	1,000	20	450	0	0	175	40	0	450	175	200	25	75	900	20	200	0	75	3,805	1,300	100	200	1,600	0	0	
	3,200	40	600	0	0	250	60	0	30	0	0	0	0	80	0	10	0	0	4,270	900	0	100	1,000	0	0	
	1,800	30	250	0	0	125	0	0	60	0	80	0	0	350	0	75	0	0	2,770	125	0	0	125	0	0	
Negro Lk.	1,300	25	700	0	0	150	30	0	0	0	0	0	0	20	0	0	0	0	2,225	800	0	200	1,000	0	0	
	250	10	75	0	0	0	0	0	0	0	0	0	0	125	0	30	0	0	490	0	0	0	0	0	0	
	800	25	150	0	0	125	0	0	0	0	0	0	0	250	0	60	0	0	1,410	75	0	0	75	0	0	
	450	15	75	0	0	50	0	0	50	0	0	0	0	700	0	200	0	30	1,570	250	0	0	250	0	0	
Moscow	600	10	125	0	0	60	0	0	40	0	0	0	0	325	0	80	0	0	1,240	150	0	0	150	0	0	
	1,400	35	275	0	0	200	40	0	225	60	100	30	60	600	40	225	0	30	3,320	900	0	150	1,050	0	0	
	700	10	150	0	0	80	0	0	0	0	0	0	0	150	0	30	0	0	1,120	300	0	0	300	0	0	
	Ingram Lk.	250	5	60	0	0	0	0	0	0	0	0	0	275	0	80	0	0	670	150	0	0	150	0	0	
Stewart	75	0	30	0	0	40	0	0	0	0	0	0	0	300	0	60	0	0	505	50	0	0	50	0	0	
	1,700	30	800	0	0	350	60	0	80	40	150	25	30	800	0	275	0	40	4,380	1,500	0	300	1,800	75	6	
	3,500	60	1,700	0	0	600	80	0	150	75	80	0	20	1,200	0	300	0	60	7,825	3,000	0	400	3,400	100	9	
	600	10	250	0	0	75	0	0	0	0	0	0	0	250	0	40	0	0	1,225	75	0	0	75	0	0	
Sanganon	2,300	40	600	0	0	250	0	0	0	0	0	0	0	75	0	20	0	0	3,285	1,400	0	200	1,600	150	2	
	400	10	75	0	0	60	0	0	0	0	25	0	0	350	0	60	0	0	980	500	0	0	500	0	0	
	150	0	0	0	0	0	0	0	0	0	0	0	0	100	0	25	0	0	275	25	0	0	25	0	0	
	Big Prairie	16,000	200	3,500	0	0	1,400	200	60	350	80	50	0	0	600	0	75	0	0	22,515	7,300	400	0	7,700	200	2
Meredosia	1,300	30	600	0	0	250	75	25	0	0	75	0	0	800	0	200	0	40	3,395	1,400	0	0	1,400	25	0	
	400	0	75	0	0	30	0	30	0	0	0	0	0	75	0	20	0	0	630	25	0	0	25	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Meredosia-Godard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL LOWER	54,775	980	17,290	0	0	6,495	980	115	2,665	835	1,870	240	275	12,460	150	12,860	20	470	102,480	127,700	700	14,250	32,650	800	19	100

DATE: 03/02/87

UPPER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BUT	QNT	WTG	GAD	SH	SCALP	RN	CNVB	RH	RDY	GLD	BH	OLDS	C-MER	RB-MER	W-MER	TOT. DUCK	CG	SH. CG	GT. CG	TOT. CG	BASG	MUTESW	COOT
Keokuk-Hawoo	500	30	80	0	0	150	0	0	1,800	450	1,200	100	150	1,000	100	0	350	0	75	5,985	400	0	0	400	0	300	
Arthur Refuge	200	0	50	0	0	0	0	0	0	0	0	0	0	75	0	0	20	0	0	345	0	0	0	0	0	0	
Hawoo-Ft. Mad.	1,800	40	550	0	0	275	50	0	2,600	300	1,700	150	80	1,800	175	0	400	0	100	10,020	600	0	0	600	75	500	
Ft. Mad.-Dallas	750	40	275	0	0	150	0	0	650	75	350	50	40	500	30	0	125	0	20	3,055	150	0	0	150	0	0	
Dallas-Burl.	450	15	125	0	0	80	0	0	200	30	175	80	15	350	20	0	75	0	0	1,615	300	0	0	300	40	0	
Turkey Slough	80	0	0	0	0	0	0	0	0	0	0	0	0	75	0	0	15	0	0	170	0	0	0	0	0	0	
Burl.-Oquaka	600	25	80	0	0	40	30	0	125	60	80	20	15	400	0	0	125	0	0	1,600	175	0	0	175	0	0	
Crystal Lk.	300	10	40	0	0	0	0	0	0	0	0	0	0	150	0	0	40	0	0	540	30	0	0	30	0	0	
Oquaka Refuge	250	15	60	0	0	0	0	0	0	0	0	0	0	125	0	0	75	0	0	525	60	0	0	60	0	0	
Oqu.-Keithsburg	800	30	0	0	0	75	0	0	250	125	50	15	0	500	40	0	175	0	40	2,100	450	0	0	450	150	0	
Keithsburg Ref.	400	40	100	0	0	50	0	0	0	0	0	0	0	175	0	0	25	0	0	790	75	0	0	75	0	0	
New Boston	60	0	0	0	0	0	0	0	50	0	0	0	0	80	0	0	20	0	0	210	0	0	0	0	0	0	
Louisa Refuge	1,500	25	150	0	0	250	75	0	80	40	0	0	0	350	0	0	125	0	30	2,625	1,000	0	0	1,000	0	0	
Louisa-Musc.	350	15	30	0	0	60	0	0	0	80	75	0	0	600	0	0	200	0	60	1,470	225	0	0	225	50	0	
Musc.-Moline	500	50	0	0	0	75	0	0	175	50	100	0	0	425	0	0	100	0	20	1,495	300	0	0	300	0	0	
TOTAL UPPER	8,540	335	1,540	0	0	1,205	155	0	5,950	1,210	3,750	415	300	6,405	365	0	1,870	0	345	32,545	3,765	0	0	3,765	315	800	
TOTAL LOWER	15,425	560	5,095	0	0	2,695	550	410	2,050	715	1,895	415	255	7,460	355	0	12,320	0	430	40,630	7,915	500	0	8,415	1,625	4	
TOTAL	23,965	895	6,635	0	0	3,900	705	410	7,980	1,925	5,625	830	555	14,065	720	0	14,190	0	775	73,175	11,680	500	0	12,180	1,940	4	

WATERFOOL CENSUS DATA

DATE: 03/02/87

LOWER MISSISSIPPI VALLEY

Robert Crompton

LOWER MISSISSIPPI VALLEY

ROBERT CROMPTON

LOCATION	MALLARD	BLK	PWT	BUT	GNT	WTG	GAD	SH	SCAUP	RN	CRVB	RH	RDY	GLD	BH	TOLDS	C.MERG	RB.MER	N.MER	TOT.DUCK	CG	SN.CG	GT.CG	TOT.CG	BESG	MUTESH	COOT
Godar Stump	225	10	80	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	345	75	0	0	75	0	0
	600	30	325	0	0	0	175	60	40	0	0	0	0	0	450	0	0	125	0	30	1,835	250	0	0	250	50	0
Flat, Swan Gilbert	1,900	40	500	0	0	0	250	80	20	75	50	100	0	40	800	50	0	275	0	0	4,180	1,300	200	0	1,500	300	0
	150	10	30	0	0	0	0	0	0	0	0	0	0	0	125	0	0	25	0	0	340	200	0	0	200	0	0
Grafton-Alton Kager	400	10	0	0	0	0	60	0	80	0	40	0	0	0	350	0	0	80	0	0	1,020	75	0	0	75	15	0
	250	25	80	0	0	0	40	0	0	0	0	0	0	0	75	0	0	20	0	0	490	0	0	0	0	0	0
Marlas Temp Dardenne	500	15	150	0	0	0	80	0	25	0	0	0	0	0	50	0	0	10	0	15	845	150	0	0	150	25	0
	2,700	50	1,500	0	0	0	600	150	100	150	75	80	0	0	250	0	0	60	0	30	5,745	500	0	0	500	150	0
Culvre Batch Pool	1,200	30	900	0	0	0	250	60	30	75	30	0	0	0	175	0	0	40	0	0	2,790	50	0	0	50	0	0
	450	40	275	0	0	0	125	30	0	175	60	150	40	75	650	50	0	200	0	75	2,395	650	0	0	650	250	0
Batch Refuge Gilead	250	10	60	0	0	0	0	0	50	0	0	0	0	0	175	0	0	40	0	0	585	40	0	0	40	0	0
	80	0	0	0	0	0	0	0	0	0	0	0	0	0	80	0	0	15	0	0	175	75	0	0	75	0	0
Cannon Refuge Duck Club	1,700	40	400	0	0	0	275	80	75	60	30	0	0	0	350	0	0	125	0	40	3,175	250	0	0	250	0	0
	200	10	0	0	0	0	50	0	0	0	0	0	0	0	125	0	0	25	0	0	410	600	0	0	600	0	0
Calumet Refuge Sny Slough	325	15	40	0	0	0	0	0	0	0	0	0	0	0	60	0	0	10	0	0	450	0	0	0	0	0	0
	40	0	0	0	0	0	0	0	0	0	0	0	0	0	40	0	0	0	0	0	80	0	0	0	0	0	0
Delair Refuge La.-Saver.	500	30	0	0	0	0	80	0	75	0	0	0	0	0	400	0	0	80	0	0	1,165	1,500	300	0	1,800	400	4
	700	60	80	0	0	0	125	30	375	125	400	150	80	80	650	75	0	175	0	50	3,100	400	0	0	400	75	0
Sharks Refuge Saver.-Hamilbal	1,400	40	450	0	0	0	300	60	75	30	0	0	0	0	275	0	0	100	0	20	2,750	300	0	0	300	0	0
	325	15	50	0	0	0	80	0	125	80	175	40	0	0	550	30	0	150	0	60	1,680	175	0	0	175	50	0
Gardner Club Hamilbal-Quincy	80	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0	0	0	0	0	110	0	0	0	0	0	0
	275	25	0	0	0	0	0	20	250	100	325	75	0	425	50	0	225	0	0	1,770	550	0	0	550	100	0	
Quincy-Meyer Gardner Refuge	625	40	175	0	0	0	125	0	100	40	125	30	20	700	60	0	350	0	80	2,470	225	0	0	225	60	0	0
	150	0	0	0	0	0	0	0	30	0	0	0	0	0	125	0	0	40	0	0	345	100	0	0	100	0	0
Meyer-Keokuk TOTAL LOWER	400	15	0	0	0	0	50	0	400	125	500	80	40	550	40	0	150	0	30	2,380	450	0	0	450	150	0	0
	15,425	560	5,095	0	0	0	2,695	550	410	2,050	715	1,895	415	255	7,460	355	0	2,320	0	430	40,630	7,915	500	0	8,415	1,625	4

WATERFOWL CENSUS DATA

Date : 03/07/37

UPPER ILLINOIS VALLEY

Robert Croxpton

LOCATION	MALLARD	BLK	PNT	BWT	GUT	WIG	GAD	SN	SCAUP	RN	CHVB	RH	ROY	GLD	BH	C-MER	RB-MER	W-MER	TOT-DUCK	CG	SM-CG	GT-CG	TOT-CG	BESG	MUTES	COOT
Turner Lk.	125	10	0	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	160	0	0	0	0	0	0	0
Deque, Spring	475	35	125	0	0	250	0	0	75	25	0	0	0	150	0	40	0	0	1,175	150	0	0	150	0	0	0
Coleman	250	15	0	0	0	50	0	0	0	0	0	0	0	75	0	50	0	0	440	300	0	0	300	0	0	60
Bureau Ponds	30	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	40	0	0	0	0	0	0	0
Goose	3,600	60	300	80	30	450	40	20	600	175	350	125	50	600	125	225	20	80	6,950	1,400	0	0	1,400	250	0	600
Senachwine	1,300	25	175	125	50	200	50	35	275	80	175	50	0	250	40	150	0	25	3,005	600	0	0	600	75	0	250
Siebold	350	15	50	30	0	125	0	15	80	25	0	0	0	80	0	30	0	0	800	75	0	0	75	0	0	80
Sawmill	200	30	0	0	0	60	0	0	125	60	0	0	0	125	0	60	0	10	670	30	0	0	30	25	0	175
Billsbach	125	20	0	0	0	0	0	0	60	0	50	0	0	175	20	40	0	0	490	0	0	0	0	0	0	100
Weis Lk.	35	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	55	15	0	0	15	0	0	0
Spartan	100	5	0	0	0	0	0	0	0	0	0	0	0	60	0	15	0	0	180	40	0	0	40	0	0	30
Wightman	40	0	0	0	0	0	0	0	40	0	0	0	0	30	0	5	0	0	115	0	0	0	0	0	0	80
Sawyer	375	30	60	40	0	125	0	30	0	0	60	0	0	175	0	75	0	0	970	20	0	0	20	0	0	125
Hitchcock	650	50	0	0	0	80	0	0	225	100	130	25	0	50	0	10	0	0	1,320	400	0	0	400	80	0	250
Round Pond	125	10	0	0	0	30	0	0	75	0	80	0	0	100	0	40	0	0	460	50	0	0	50	0	0	125
Meadow	20	0	0	0	0	0	0	0	0	0	0	0	0	30	0	10	0	0	60	0	0	0	0	0	0	60
Rice Pond	900	30	175	100	50	250	0	80	300	75	50	0	0	250	0	60	0	0	2,320	150	0	0	150	0	0	400
Goose Pond	75	0	0	0	0	0	0	0	50	0	25	0	0	80	0	20	0	0	250	25	0	0	25	0	0	175
Upper Peoria	500	40	80	0	0	100	0	0	650	225	400	80	100	450	60	175	15	50	2,925	600	0	0	600	125	0	1,500
Lower Peoria	175	10	0	0	0	0	0	0	125	50	80	20	0	125	0	30	0	0	615	75	0	0	75	0	0	400
Pekin Lk.	700	30	200	80	25	275	80	50	100	25	150	0	0	60	0	20	0	0	1,795	150	0	50	200	25	0	300
Powerton Lk.	150	5	0	0	0	40	0	0	150	30	0	0	0	150	20	60	40	15	660	25	0	40	65	0	0	800
TOTAL UPPER	10,300	420	1,165	455	155	2,035	170	230	2,930	870	1,550	300	150	3,070	265	1,115	75	180	25,435	4,105	0	90	4,195	580	0	5,510
TOTAL LOWER	35,550	770	8,405	1,610	640	6,140	775	1,010	7,480	12,155	3,495	940	280	5,905	430	1,750	0	425	77,810	5,750	0	2,230	7,980	375	4	12,215
TOTAL	45,850	1,190	9,570	2,065	795	8,175	945	1,240	10,410	13,025	5,045	1,240	430	8,975	745	12,865	75	605	103,245	9,855	0	2,320	12,175	955	4	17,725

WATERFOUL CENSUS DATA

Date : 03/09/87

LOWER ILLINOIS VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BUT	GUT	WIG	CAO	SK	SCAUP	RN	CWB	RH	RDY	GLD	BH	C. MERG	RB. MER	H. MER	TOT. DUCK	CG	ISM. CG	GT. CG	TOT. CG	BESG	MUTESU	COOT
Manito Ditches	1,600	30	150	0	0	80	0	0	0	0	0	0	0	30	0	0	0	0	1,890	0	0	0	0	0	0	60
Spoon Riv. 8ms.	8,500	150	1,800	250	100	1,200	75	175	500	150	300	75	0	75	50	20	0	30	13,450	1,500	0	600	2,100	200	0	800
Spring Lk.	800	20	175	100	30	250	40	50	400	80	175	30	50	250	30	60	0	40	2,580	200	0	100	300	0	0	1,500
Rice Lk.	1,300	40	400	50	20	300	60	30	700	200	150	60	30	500	50	125	0	50	4,065	0	0	50	50	0	0	0
Duck Creek C. Lk.	100	0	0	0	0	0	0	0	50	0	40	0	0	250	0	60	0	0	500	0	0	300	300	0	0	75
Banner Marsh	600	15	125	30	30	225	40	20	75	0	80	0	0	60	0	10	0	0	1,310	0	0	500	500	0	4	250
Big Lk.	1,000	30	300	60	0	150	60	30	600	150	300	80	60	400	60	80	0	20	3,380	75	0	0	75	0	0	100
Goose Lk.	250	10	0	80	15	60	0	60	75	0	0	0	0	80	0	10	0	0	640	0	0	0	0	0	0	40
Clear Lk.	1,200	40	500	150	60	350	75	80	800	200	450	100	40	600	80	225	0	40	4,990	100	0	250	350	0	0	1,000
Chautauque	700	20	175	40	0	200	25	30	500	150	200	40	0	500	30	175	0	60	2,845	200	0	100	300	0	0	800
Quiver Cr.	1,500	30	75	150	75	100	0	80	125	40	0	0	0	30	0	0	0	0	2,205	50	0	200	250	0	0	400
Quiver Lk.	400	10	0	25	0	40	0	0	250	75	50	0	0	125	0	40	0	0	1,015	0	0	0	0	0	0	150
Regro Lk.	600	10	350	60	0	175	20	40	50	0	0	0	0	15	0	0	0	0	1,320	0	0	0	0	0	0	200
Bath Lk.	175	5	80	0	0	0	0	0	75	0	0	0	0	50	0	15	0	0	400	0	0	0	0	0	0	50
Grass Lk.	300	30	100	0	0	50	0	0	150	30	60	0	0	175	0	50	0	0	945	0	0	0	0	0	0	200
Anderson	150	5	30	0	0	0	0	0	200	75	30	0	0	250	0	75	0	15	830	0	0	30	30	0	0	80
Moscow	225	15	175	50	25	100	0	25	50	0	0	0	0	75	0	20	0	0	760	0	0	0	0	0	0	125
Jack Lk.	500	20	50	0	0	80	0	0	600	275	350	150	75	400	50	150	0	30	2,730	50	0	0	50	0	0	800
Shicarte	375	25	80	75	30	200	0	60	50	0	0	0	0	30	0	10	0	0	935	0	0	0	0	0	0	600
Ingram Lk.	600	40	250	0	0	100	50	30	350	125	200	50	25	350	25	100	0	0	2,295	500	0	0	500	0	0	350
Stewart	75	0	0	0	0	0	0	0	125	0	60	0	0	80	0	25	0	0	365	0	0	0	0	0	0	150
Crane Lk.	800	15	400	125	75	150	80	100	500	200	450	175	0	500	75	200	0	50	3,895	250	0	50	300	0	0	1,200
Cuba Is.	500	30	275	60	40	400	50	50	250	80	100	30	0	175	0	50	0	0	2,090	400	0	50	450	0	0	600
Chain Lk.	250	5	60	0	0	80	0	0	40	0	0	0	0	50	0	10	0	0	495	0	0	0	0	0	0	150
Sanganon	800	40	150	0	0	50	0	0	0	0	0	0	0	25	0	0	0	0	1,065	1,100	0	0	1,100	125	0	400
Treadway	350	15	50	0	0	75	0	0	125	40	50	0	0	100	0	25	0	0	830	150	0	0	150	0	0	150
Muscotown	25	0	0	0	0	0	0	0	30	0	0	0	0	30	0	0	0	0	85	0	0	0	0	0	0	60
Big Prairie	11,000	100	2,400	200	100	1,400	150	100	450	175	300	100	0	250	30	80	0	40	16,875	900	0	0	900	50	0	1,300
Mercedia	600	15	175	80	40	225	50	50	300	80	150	50	0	400	0	125	0	50	2,390	200	0	0	200	0	0	500
Smith Lk.	275	5	80	25	0	100	0	0	60	30	0	0	0	50	0	10	0	0	635	75	0	0	75	0	0	125
TOTAL LOWER	35,550	770	8,405	1,610	640	6,140	775	1,010	7,480	12,155	13,495	940	280	5,905	480	1,750	0	425	77,810	5,750	0	2,250	7,980	375	4	12,215

WATERFOWL CENSUS DATA

DATE: 03/09/87

UPPER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PMT	BUT	QUT	WIG	EAD	SH	SCAUP	RN	CHVB	RH	RDY	GLD	BH	OLDS	C-MER	RB-MER	IN-MER	TOT.DUCK	CG	SN-CG	GT-CG	TOT-CG	BESG	WH-SM	COOT
Keokuk-Nauvoo	600	40	0	0	0	80	0	0	8,700	1,000	3,800	600	150	1,500	250	0	350	40	100	17,210	250	0	0	250	0	0	3,200
Arthur Refuge	350	5	60	50	0	40	0	50	0	0	0	0	0	0	0	0	0	0	0	555	0	0	0	0	0	100	
Nauvoo-Ft. Mad.	1,400	50	400	100	50	250	80	100	14,000	1,600	5,000	800	250	2,400	400	0	500	65	60	27,505	400	0	0	400	75	0	4,800
Ft. Mad.-Dallas	450	15	175	0	0	100	0	20	1,200	450	900	175	30	800	100	0	300	0	0	4,715	60	0	0	60	30	0	700
Dallas-Burl.	850	30	250	40	20	375	100	40	575	125	350	100	30	450	50	0	175	0	25	3,585	125	0	0	125	0	0	350
Turkey Slough	60	0	0	0	0	0	0	0	150	30	0	0	0	25	0	0	5	0	0	270	0	0	0	0	0	0	50
Burl.-Oquawka	700	20	375	0	0	450	30	60	900	175	500	150	60	350	75	0	80	0	15	3,940	350	0	0	350	100	0	800
Crystal Lk.	250	10	0	0	0	0	0	0	40	0	0	0	0	20	0	0	10	0	0	330	0	0	0	0	0	0	75
Oquawka Refuge	400	20	0	0	0	50	0	0	75	0	0	0	0	60	0	0	15	0	0	620	75	0	0	75	0	0	150
Oqu.-Keithsburg	550	40	80	0	0	175	0	0	425	80	275	50	15	500	30	0	115	10	30	2,375	125	0	0	125	0	0	50
Keithsburg Ref.	600	25	150	0	0	225	40	15	75	20	0	0	0	100	0	0	30	0	0	1,280	80	0	0	80	0	0	125
New Boston	60	0	0	0	0	0	0	0	50	0	0	0	0	75	0	0	30	0	0	215	0	0	0	0	0	0	40
Louisa Refuge	300	10	0	0	0	50	0	0	100	30	0	0	0	150	0	0	20	0	0	660	100	0	0	100	0	0	25
Louisa-Musc.	175	20	0	0	0	50	0	0	500	125	100	25	0	325	0	0	80	0	15	1,415	60	0	0	60	0	0	0
Musc.-Moline	425	30	30	0	0	0	0	0	250	80	250	100	0	400	0	0	125	0	0	1,690	150	0	0	150	50	0	0
TOTAL UPPER	7,170	315	1,520	190	70	1,845	250	285	27,040	3,715	11,175	2,000	535	7,155	905	0	1,835	115	245	66,365	1,775	0	0	1,775	255	0	10,465
TOTAL LOWER	12,675	440	3,055	1,175	750	2,605	495	1,100	4,530	1,410	3,495	895	535	4,775	615	0	1,655	0	295	40,500	3,140	0	0	3,140	690	0	13,115
TOTAL	19,845	755	4,575	1,365	820	4,450	745	1,385	31,570	5,125	14,670	2,895	1,070	11,930	1,520	0	3,490	115	540	106,865	4,915	0	0	4,915	945	0	23,580

WATERFOAL CENSUS DATA

DATE: 03/09/87

LOWER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BWT	GWT	MIG	GAD	SH	SCAUP	RM	CNVB	RH	RDY	GLD	BH	OLDS	C.MERG	RB.MER	J.M.MER	TOT.DUCK	CG	SM.CG	GT.CG	TOT.CG	BLSC	WM.SUN	COOT
Godard Stump	225	5	75	40	40	100	0	30	0	0	0	0	0	100	0	0	20	0	0	635	0	0	0	0	0	100	
	350	30	150	175	80	250	40	150	60	0	50	0	0	175	0	0	40	0	0	1,550	0	0	0	0	0	1,200	
Flat, Swan Gilbert	1,200	40	400	125	50	30	80	100	500	250	300	75	50	400	80	0	150	0	50	3,880	200	0	200	60	0	1,800	
	300	10	50	0	0	75	0	0	40	0	0	0	0	30	0	0	0	0	0	505	300	0	300	0	0	150	
Grafton-Alton Hager	125	20	0	0	0	0	0	20	150	75	200	50	0	150	0	0	60	0	0	850	50	0	0	50	0	350	
	250	20	0	0	0	50	0	0	75	0	0	0	0	40	0	0	10	0	0	445	0	0	0	0	0	200	
Marias Temp Dardenne	400	10	150	80	30	100	20	60	30	0	0	0	0	60	0	0	30	0	0	970	0	0	0	0	0	450	
	1,800	40	600	200	100	350	80	250	125	80	150	10	100	450	30	0	125	0	80	4,570	400	0	400	150	0	1,500	
Quivra Batch Pool	800	15	250	75	50	175	30	80	60	0	40	0	0	175	0	0	50	0	0	1,800	75	0	0	75	0	500	
	1,000	30	400	50	40	225	50	40	375	125	450	125	40	550	50	0	250	0	30	3,830	325	0	0	325	40	800	
Batch Refuge Gilead	250	10	60	0	0	0	0	20	50	0	0	0	0	80	0	0	10	0	0	480	30	0	0	30	0	75	
	50	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	150	0	0	0	0	0	50	
Cannon Refuge Duck Club	900	30	150	100	75	300	40	100	80	0	0	0	0	60	0	0	15	0	0	1,850	0	0	0	0	0	500	
	150	0	0	40	0	0	0	0	50	0	0	0	0	25	0	0	0	0	0	265	50	0	0	50	0	175	
Calumet Refuge Sny Slough	225	5	40	60	30	50	0	50	0	0	0	0	0	150	0	0	30	0	0	640	0	0	0	0	0	200	
	15	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	25	0	0	0	0	80		
Delair Refuge La.-Saver.	150	0	0	0	0	0	0	0	60	0	0	0	0	30	0	0	0	0	0	240	100	0	100	0	0	0	
	475	25	80	0	150	0	50	60	525	275	650	175	80	475	100	0	175	0	50	3,345	350	0	350	175	0	1,200	
Shanks Refuge Saver.-Hannibal	2,000	40	250	150	80	300	80	100	75	0	30	0	0	125	0	0	40	0	0	3,270	60	0	0	60	0	400	
	275	10	40	0	0	125	25	0	350	80	225	60	30	250	25	0	125	0	0	1,620	175	0	175	50	0	800	
Gardner Club Hannibal-Quincy	60	0	0	0	0	0	0	0	0	0	0	0	0	40	0	0	0	0	0	100	0	0	0	0	75		
	350	30	125	30	0	50	0	25	600	175	350	125	50	375	75	0	200	0	25	2,585	650	0	650	125	0	650	
Quincy-Meyer Gardner Refuge	575	20	175	0	0	250	0	0	425	125	400	100	60	425	30	0	150	0	0	2,735	125	0	0	125	30	400	
	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	0	0	0	0	60		
Meyer-Keokuk	700	50	60	50	25	175	0	15	800	225	650	175	125	600	225	0	175	0	60	4,110	250	0	250	60	0	1,400	
	TOTAL LOWER	12,675	440	3,055	1,175	750	2,605	495	1,100	4,530	1,410	3,495	895	535	4,775	615	0	1,655	0	295	40,500	3,140	0	3,140	690	0	13,115

INTERPOL CENSUS DATA

Date : 05/15/37

UPPER ILLINOIS VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PMT	BMT	GUT	WTG	GAD	SH	SCALP	RH	CNVB	RH	RDY	GLD	BH	OLDSD	C.MER	RB.MER	W.MER	TOT.DUCK	CG	SM.CG	GT.CG	TOT.CG	BESG	COOT
Turner Lk. Deque, Spring Coleman	80	5	0	0	0	0	0	25	0	0	0	0	0	0	0	0	0	0	0	110	0	0	0	0	0	80
	375	25	80	0	0	175	30	60	80	25	0	0	0	150	0	0	40	0	0	1,040	75	0	0	75	0	450
	500	40	50	60	50	150	0	30	40	0	0	0	0	0	0	0	0	0	0	920	100	0	0	100	0	300
Bureau Ponds Goose Sensawine	15	0	0	0	0	0	0	0	0	0	0	-0	0	0	0	0	0	0	0	15	0	0	0	0	0	40
	1,200	30	250	100	40	400	50	100	800	250	300	75	60	450	80	0	125	0	30	4,340	400	0	0	400	60	1,300
	550	15	75	40	20	150	0	30	325	150	125	50	25	200	30	0	50	0	20	1,855	250	0	0	250	25	1,000
Stebold Sawmill Billabach	175	10	0	0	0	80	0	50	60	0	0	0	0	75	0	0	20	0	0	470	0	0	0	0	0	250
	225	25	0	0	0	30	0	0	150	40	30	0	0	150	0	0	40	0	10	700	25	0	0	25	0	125
	150	10	0	0	0	0	0	15	80	0	40	0	0	60	0	0	15	0	0	370	0	0	0	0	0	300
Weis Lk. Spartan Ulightman	40	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	55	0	0	0	0	0	75
	75	0	0	0	0	0	0	0	20	20	0	0	0	50	0	0	25	0	0	190	0	0	0	0	0	150
	20	0	0	0	0	0	0	0	40	0	0	0	0	25	0	0	5	0	0	90	0	0	0	0	0	60
Savver Hitchcock Round Pond	375	20	60	30	0	125	0	50	100	50	50	0	0	60	0	0	20	0	10	950	0	0	0	0	0	200
	400	30	0	0	0	50	0	0	275	80	125	25	0	150	0	0	60	0	25	1,220	80	0	0	80	0	600
	150	10	30	0	0	0	0	10	80	20	0	0	0	30	0	0	10	0	0	340	0	0	0	0	0	150
Meadow Rice Pond Goose Pond	25	0	0	0	0	0	0	0	0	0	0	0	0	75	0	0	15	0	0	115	0	0	0	0	0	50
	400	15	80	100	40	125	0	50	150	50	30	0	0	80	0	0	20	0	0	1,140	100	0	0	100	0	1,500
	75	5	0	0	0	0	0	0	60	30	0	0	0	125	0	0	40	0	0	335	0	0	0	0	0	200
Upper Peoria Lower Peoria Pekin Lk. Powerton Lk.	650	30	0	0	0	50	0	0	600	175	250	80	30	350	60	0	100	0	15	2,390	0	0	0	0	0	350
	125	20	0	0	0	0	0	0	80	0	60	0	0	100	0	0	25	0	0	410	0	0	0	0	0	2,300
	500	40	150	125	80	250	0	75	150	60	25	0	0	75	0	0	30	0	0	1,560	0	0	60	60	0	400
TOTAL UPPER TOTAL LOWER TOTAL	100	10	0	0	0	30	0	25	175	0	50	0	0	40	0	0	10	0	0	440	0	0	25	25	0	1,200
	6,205	340	775	455	230	1,615	80	520	3,265	950	1,085	230	115	2,260	170	0	650	0	110	19,055	1,030	0	85	1,115	85	11,080
	23,330	700	2,595	1,690	740	4,260	475	1,350	4,910	11,285	12,325	440	315	3,420	365	0	900	0	320	49,420	575	0	1,695	2,270	115	25,425
	29,535	1,040	3,370	2,145	970	5,875	555	1,870	8,175	2,235	13,410	670	430	5,680	535	0	1,550	0	430	68,475	1,605	0	1,780	3,385	200	36,505

WATERFOUL CENSUS DATA

Date : 03/16/37

LOWER ILLINOIS VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PMT	BUT	GUT	WIG	GAD	SH	SCAUP	RN	CMVB	RH	RDY	GLD	BH	OLDSD	C. MERG	RB. MER	IM. MER	TOT. DUCK	CG	SH. CG	GT. CG	TOT. CG	B&SG	COOT
Hanito Ditches	800	30	0	0	0	200	0	0	0	0	0	0	0	0	0	0	0	0	0	1,030	0	0	0	0	0	150
Spoon Riv. 8 tms.	3,700	40	400	175	75	250	50	125	300	75	150	40	0	0	0	0	10	0	15	5,465	100	0	300	400	50	900
Spring Lk.	400	15	40	0	0	125	30	60	250	50	100	0	40	175	30	0	25	0	25	1,365	0	0	75	75	0	2,800
Rice Lk.	600	40	15	75	40	80	0	30	125	30	60	15	15	150	10	0	0	0	10	1,295	0	0	50	50	0	1,200
Duck Creek C. Lk.	125	20	0	0	0	30	0	15	60	0	0	0	0	80	0	0	10	0	0	340	0	0	150	150	0	200
Banner Marsh	500	10	50	60	20	100	20	50	75	0	80	0	0	50	0	0	20	0	10	1,045	0	0	350	350	0	300
Big Lk.	900	15	75	150	80	150	50	80	400	75	250	50	30	200	40	0	60	0	20	2,625	0	0	150	150	0	700
Goose Lk.	75	5	0	125	50	0	0	40	80	20	30	0	0	50	0	0	10	0	0	485	0	0	0	0	0	75
Clear Lk.	1,000	30	200	175	60	400	75	100	500	175	400	80	60	250	75	0	80	0	40	3,700	0	0	75	75	0	2,500
Chautauqua	550	20	50	80	40	125	20	60	250	80	175	40	40	400	50	0	125	0	25	2,130	0	0	100	100	0	1,400
Quiver Cr.	1,200	25	80	100	50	300	40	75	30	0	15	0	0	0	0	0	0	0	0	1,915	0	0	60	60	0	0
Quiver Lk.	250	10	0	0	0	30	0	0	175	40	60	0	0	50	0	0	10	0	0	625	0	0	20	20	0	400
Negro Lk.	800	20	350	50	0	80	0	60	50	0	0	0	0	15	0	0	0	0	0	1,425	0	0	125	125	0	200
Bath Lk.	175	30	0	0	0	40	0	10	125	60	25	0	0	30	0	0	0	0	0	495	0	0	0	0	0	125
Grass Lk.	700	40	75	30	0	150	15	30	80	20	30	0	0	75	0	0	25	0	0	1,270	0	0	40	40	0	1,000
Anderson	250	10	0	0	0	40	0	40	125	50	60	0	0	150	0	0	40	0	15	780	0	0	25	25	0	700
Moscow	175	5	0	80	20	60	0	50	30	0	0	0	0	0	0	0	0	0	0	420	0	0	0	0	0	800
Jack Lk.	450	15	50	0	0	175	20	0	500	175	150	50	50	450	80	0	125	0	50	2,340	0	0	50	50	0	2,300
Snicarte	125	5	100	40	0	30	0	60	0	0	0	0	0	0	0	0	0	0	0	360	0	0	0	0	0	450
Ingram Lk.	800	25	175	50	25	250	15	50	375	80	100	20	30	275	40	0	80	0	30	2,420	0	0	0	0	0	1,200
Stewart	40	5	0	0	0	0	0	0	60	0	0	0	0	0	0	0	0	0	0	105	0	0	0	0	0	175
Crane Lk.	400	30	250	175	100	375	40	80	400	125	275	75	50	325	20	0	100	0	50	2,870	0	0	50	50	0	2,100
Cuba Is.	700	50	175	100	60	250	25	100	225	80	40	0	0	150	0	0	30	0	0	1,985	0	0	75	75	0	1,300
Chain Lk.	225	15	0	0	0	80	0	0	0	0	0	0	0	40	0	0	0	0	0	360	0	0	0	0	0	250
Sanganon	900	20	0	0	0	40	0	30	150	30	0	0	0	20	0	0	0	0	0	1,190	300	0	0	300	25	600
Treadway	350	10	0	0	0	25	0	0	30	0	0	0	0	60	0	0	10	0	0	485	0	0	0	0	0	250
Muscooten	15	0	0	0	0	0	0	0	40	0	0	0	0	20	0	0	0	0	0	75	0	0	0	0	0	400
Big Prairie	6,500	125	400	150	80	600	75	125	150	40	250	50	0	40	0	0	15	0	0	8,600	125	0	0	125	40	1,500
Mercedosia	500	25	60	75	40	175	0	80	325	80	75	20	20	275	20	0	125	0	30	1,905	50	0	0	50	0	1,200
Smith Lk.	125	10	50	0	0	100	0	0	0	0	0	0	0	30	0	0	0	0	0	315	0	0	0	0	0	250
Mercedosia-Godard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOWER	23,330	700	2,595	1,690	740	4,260	475	11,350	4,910	11,285	12,325	440	315	3,420	365	0	900	0	320	49,420	575	0	1,695	2,270	115	25,425

WATERFOUL CENSUS DATA

DATE: 03/16/87

UPPER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	WALLARD	BLK	PNT	BUT	GUT	WIG	GAD	SH	SCAUP	RN	CHWB	RH	RDT	GLD	BH	OLDS	C.HER	RB.HER	H.HER	TOT. DUCK	CG	SH. CG	GT. CG	TOT. CG	BASG	COOT
Keokuk-Nauvoo	500	20	50	0	0	200	0	40	14,000	1,600	7,600	600	350	1,300	500	0	350	0	80	27,190	200	0	0	200	0	6,500
Arthur Refuge	150	10	0	0	0	0	0	25	0	0	0	0	0	0	0	0	0	0	0	185	0	0	0	0	200	
Nauvoo-Ft. Mad.	1,000	30	175	150	60	300	50	150	23,000	2,700	11,000	1,000	225	1,900	325	0	450	0	125	42,640	125	0	0	125	0	10,000
Ft. Mad.-Dallas	650	40	80	75	30	125	20	50	1,200	250	900	275	100	550	175	0	125	0	40	4,685	30	0	0	30	0	1,200
Dallas-Burl.	1,300	20	225	50	20	200	10	75	850	300	650	175	30	350	80	0	100	0	20	4,455	150	0	0	150	30	800
Turkey Slough	60	0	0	0	0	0	0	0	80	25	0	0	0	40	0	0	10	0	0	215	0	0	0	0	150	
Burl.-Oquawka	500	25	175	60	0	275	0	50	525	150	325	150	50	225	40	0	60	0	0	2,610	0	0	0	0	0	650
Crystal Lk.	250	15	40	0	0	100	0	0	50	0	0	0	0	15	0	0	0	0	0	470	0	0	0	0	300	
Oquawka Refuge	400	30	60	0	0	150	0	20	60	0	0	0	0	30	0	0	0	0	0	750	0	0	0	0	500	
Oqu.-Keithsburg	1,600	50	250	0	0	100	30	60	1,000	275	500	200	75	375	150	0	125	0	50	4,840	75	0	0	75	50	1,300
Keithsburg Ref.	600	25	75	0	0	150	0	40	50	0	0	0	0	80	0	0	25	0	0	1,045	40	0	0	40	0	600
New Boston	125	10	0	0	0	0	0	0	75	25	30	0	0	50	0	0	10	0	0	325	0	0	0	0	75	
Louisa Refuge	250	15	0	0	0	50	0	60	100	30	0	0	0	75	0	0	20	0	0	600	25	0	0	25	0	300
Louisa-Musc.	375	25	0	0	0	0	0	25	350	80	150	40	0	200	30	0	60	0	0	1,335	80	0	0	80	0	150
Musc.-Moline	500	40	175	0	0	250	40	0	225	100	275	80	40	450	60	0	125	0	30	2,390	60	0	0	60	40	500
TOTAL UPPER	8,260	355	1,305	335	110	1,900	150	595	41,565	5,535	121,430	12,520	870	5,640	11,360	0	1,460	0	345	93,735	785	0	0	785	120	23,225
TOTAL LOWER	8,185	385	975	620	220	1,510	120	905	4,865	1,545	2,540	660	505	3,270	730	0	985	0	245	28,265	1,205	0	0	1,205	140	20,275
TOTAL	16,445	740	2,280	955	330	3,410	270	1,500	46,430	7,080	123,970	13,180	11,375	8,910	12,090	0	12,445	0	590	122,000	1,990	0	0	1,990	260	43,500

WATERFOUL CENSUS DATA

DATE: 03/16/87

LOWER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BUT	GUT	WIG	GAD	SH	SCAUP	RM	CNVB	RH	ROY	GLD	BH	OLDS	C. MERG	RB. MER	M. MER	TOT. DUCK	CG	SM. CG	GT. CG	TOT. CG	B&SG	COOT
Godar	150	5	60	0	0	80	0	0	0	0	0	0	0	0	0	0	0	0	0	315	0	0	0	0	0	400
	350	20	100	150	60	175	0	60	50	0	0	0	0	0	0	0	0	15	0	1,055	0	0	0	0	0	1,200
Flat, Swan	700	30	175	80	30	250	0	100	375	80	175	40	20	300	40	0	80	0	20	2,495	300	0	0	300	0	1,800
	175	15	30	25	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	260	75	0	0	75	0	250
Grafton-Alton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hager	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marias Temp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dardenne	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cuivre	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Batch Pool	1,300	40	125	100	50	275	40	80	450	175	300	80	40	450	125	0	150	0	60	3,840	150	0	0	150	75	1,200
Batch Refuge	175	15	50	0	0	0	0	30	75	40	0	0	0	0	0	0	0	0	0	385	0	0	0	0	0	300
Gilead	60	0	0	0	0	0	0	0	30	0	0	0	0	40	0	0	10	0	0	140	0	0	0	0	0	75
Cannon Refuge	900	50	100	75	40	250	30	200	175	50	0	0	0	60	0	0	15	0	0	1,945	0	0	0	0	0	2,500
Duck Club	150	5	0	0	0	0	0	25	0	0	0	0	0	15	0	0	0	0	0	195	0	0	0	0	0	200
Calumet Refuge	125	5	0	0	0	0	0	40	0	0	0	0	0	0	0	0	0	0	0	170	0	0	0	0	350	
Sny Slough	15	0	0	0	0	0	0	0	0	0	0	0	0	30	0	0	5	0	0	50	0	0	0	0	175	
Delair Refuge	300	20	0	0	0	0	0	0	100	50	0	0	0	0	0	0	0	0	0	470	0	0	0	0	0	300
La.-Saver.	650	40	175	50	0	0	0	60	475	200	650	125	75	325	100	0	25	0	0	2,950	225	0	0	225	40	2,300
Shunks Refuge	1,300	30	80	100	40	200	50	100	200	75	40	0	0	150	0	0	50	0	25	2,440	0	0	0	0	0	2,800
Saver.-Mannibal	375	15	30	0	0	75	0	50	550	175	125	40	40	275	60	0	80	0	10	1,900	50	0	0	50	25	1,200
Gardner Club	60	5	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	85	0	0	0	0	75	
Mannibal-Quincy	225	10	0	0	0	30	0	20	700	250	375	100	125	400	80	0	175	0	40	2,530	125	0	0	125	0	1,500
Quincy-Meyer	450	25	0	0	0	50	0	60	325	100	225	75	30	650	125	0	225	0	60	2,400	80	0	0	80	0	800
Gardner Refuge	125	5	0	0	0	0	0	30	60	0	0	0	0	20	0	0	5	0	0	245	0	0	0	0	0	150
Meyer-Keokuk	600	50	50	40	0	125	0	50	1,300	350	650	200	175	425	200	0	150	0	30	4,395	200	0	0	200	0	2,700
TOTAL LOWER	8,185	385	975	620	220	1,510	120	905	4,865	1,545	2,540	660	505	3,270	730	0	985	0	245	28,265	1,205	0	0	1,205	140	20,275

WATERFOUL CENSUS DATA

Date : 03/23/87

UPPER ILLINOIS VALLEY

Robert Crompton

LOCATION	HALLARD	BLK	PNT	BMT	GMT	WIG	GAO	SN	SCAUP	RN	CHVB	RH	RDY	GLD	BH	[OLDSO]	C-MER	R-B-MER	M-MER	[TOT-DUCK]	CG	[SM-CG]	GT-CG	[TOT-CG]	COOT
Turner Lk.	40	0	0	50	0	0	0	25	0	0	0	0	0	0	0	0	0	0	0	115	0	0	0	0	125
Deque, Spring	125	10	80	150	30	125	0	60	50	0	0	0	0	0	30	0	10	0	10	680	0	0	0	0	500
Coleman	200	20	0	100	20	0	0	75	0	0	0	0	0	0	0	0	0	0	0	415	75	0	0	75	250
Bureau Ponds	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	50
Goose	600	15	175	250	50	300	40	250	400	175	250	80	100	150	60	0	30	0	20	2,945	250	0	0	250	1,600
Sensawine	250	30	80	75	20	150	15	80	275	100	400	125	40	75	30	0	20	0	10	1,775	100	0	0	100	700
Stebold	80	5	125	25	0	0	0	40	60	20	0	0	0	30	0	0	10	0	0	395	0	0	0	0	250
Sawmill	100	15	0	0	0	30	0	25	30	15	0	0	0	10	0	0	0	0	0	225	0	0	0	0	125
Billsbach	50	10	0	0	0	0	0	40	80	20	25	0	0	50	0	0	15	0	5	295	0	0	0	0	400
Weis Lk.	25	0	0	40	0	0	0	60	0	0	0	0	0	0	0	0	0	0	0	125	0	0	0	0	75
Sparland	80	5	0	0	0	0	0	0	125	40	0	0	0	10	0	0	0	0	0	260	0	0	0	0	150
Wightman	30	0	0	0	0	0	0	0	40	0	0	0	0	20	10	0	0	0	5	105	0	0	0	0	100
Sawyer	200	15	60	75	0	0	0	80	60	15	0	0	0	75	0	0	25	0	0	605	0	0	0	0	225
Hitchcock	450	25	0	0	0	80	0	20	275	75	100	25	15	50	0	0	10	0	0	1,125	50	0	0	50	500
Round Pond	175	5	0	50	0	0	0	50	30	0	0	0	0	15	0	0	0	0	0	325	0	0	0	0	125
Meadow	15	0	0	0	0	0	0	10	0	0	0	0	0	30	0	0	0	0	0	55	0	0	0	0	50
Rice Pond	400	15	125	350	60	225	0	400	150	40	60	0	30	80	0	0	10	0	0	1,945	25	0	0	25	1,700
Goose Pond	80	20	0	0	0	0	0	0	325	75	80	20	0	40	0	0	15	0	5	660	0	0	0	0	200
Upper Peoria	250	30	30	0	0	60	0	40	550	125	175	40	50	150	75	0	40	0	25	1,640	0	0	0	0	2,600
Lower Peoria	60	0	0	0	0	0	0	0	75	20	0	10	0	25	15	0	0	0	0	205	0	0	0	0	350
Pekin Lk.	400	15	50	275	40	200	0	175	100	0	40	0	0	30	0	0	0	0	0	1,325	0	0	60	60	1,200
Powerton Lk.	150	20	0	0	0	80	0	80	60	0	25	0	0	75	20	0	25	0	0	535	0	0	100	100	1,500
TOTAL UPPER	3,780	255	725	1,440	220	1,250	55	1,510	2,685	720	1,155	300	235	945	210	0	210	0	80	15,775	500	0	160	660	12,775
TOTAL LOWER	17,095	525	3,230	3,805	720	4,090	340	3,345	5,940	11,835	2,185	580	615	1,345	710	0	270	0	195	46,825	0	0	11,995	1,995	32,725
TOTAL	20,875	780	3,955	5,245	940	5,340	395	4,855	8,625	12,555	3,340	880	850	2,290	920	0	480	0	275	62,600	500	0	12,155	2,655	45,500

WATERFOOT CENSUS DATA

Date : 03/23/87

LOWER ILLINOIS VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PMT	BWT	GWT	WIG	GAD	SH	SCALP	RW	CHVB	RH	RDY	GLD	BN	OLDSD	C.HERG	RB.WER	N.HER	TOT.DUCK	CG	SH.CG	GT.CG	TOT.CG	COOT
Hanito Ditches	500	10	0	0	0	75	0	60	0	0	0	0	0	0	0	0	0	0	0	645	0	0	0	0	325
Spoon Riv. Btms.	2,700	50	500	350	80	325	40	350	600	175	300	50	80	50	60	0	10	0	30	5,750	0	0	350	350	1,700
Spring Lk.	800	20	75	175	40	200	20	150	500	250	200	70	50	80	30	0	20	0	10	2,690	0	0	75	75	3,500
Rice Lk.	650	30	125	200	50	125	15	80	275	80	75	30	75	125	60	0	30	0	20	2,045	0	0	50	50	1,300
Duck Creek C. Lk.	60	0	0	40	0	0	0	50	125	30	40	0	0	50	20	0	10	0	0	425	0	0	125	125	1,000
Banner Marsh	550	15	60	75	20	150	30	125	100	40	0	0	0	20	0	0	0	0	0	1,185	0	0	200	200	800
Big Lk.	250	20	0	150	30	60	0	80	250	75	60	0	30	50	10	0	10	0	0	1,075	0	0	150	150	400
Goose Lk.	80	5	0	60	20	0	0	30	75	40	0	0	0	10	0	0	0	0	0	320	0	0	15	15	150
Clear Lk.	900	35	250	200	40	375	50	150	450	125	275	80	60	125	75	0	35	0	15	3,240	0	0	300	300	2,800
Chautauqua	600	20	75	150	60	125	0	100	275	150	125	40	80	100	150	0	20	0	25	2,095	0	0	125	125	2,000
Oliver Cr.	1,300	50	300	300	50	450	40	175	80	40	0	0	0	20	0	0	0	0	0	2,805	0	0	200	200	1,200
Oliver Lk.	75	5	0	80	0	0	0	20	100	50	0	0	40	15	0	0	0	0	0	385	0	0	15	15	600
Negro Lk.	700	15	500	225	25	175	20	150	400	75	50	0	0	30	0	0	0	0	0	2,365	0	0	75	75	800
Bath Lk.	125	5	0	30	0	25	0	30	0	0	0	0	0	50	0	0	5	0	0	270	0	0	20	20	250
Grass Lk.	400	20	150	0	0	200	10	50	175	30	60	0	0	20	15	0	10	0	30	1,170	0	0	40	40	500
Anderson	150	0	25	80	30	75	0	60	100	50	0	0	0	40	30	0	0	0	0	640	0	0	20	20	900
Moscow	125	5	0	200	30	40	0	15	30	0	0	0	0	10	0	0	0	0	0	455	0	0	0	0	700
Jack Lk.	300	15	50	60	0	125	0	50	275	100	150	50	50	75	60	0	20	0	15	1,395	0	0	40	40	1,500
Snicarte	80	0	0	75	0	0	0	80	0	0	0	0	0	10	0	0	0	0	0	245	0	0	0	0	250
Ingram Lk.	500	10	75	125	40	0	0	60	600	175	250	80	25	50	20	0	10	0	0	2,020	0	0	60	60	600
Stewart	50	0	0	30	0	0	0	40	80	15	0	0	0	5	0	0	0	0	0	220	0	0	0	0	125
Crane Lk.	600	25	150	100	20	250	30	175	350	80	125	25	75	150	80	0	30	0	30	2,295	0	0	25	25	2,300
Cuba Is.	350	10	200	350	60	375	20	250	200	50	250	60	30	60	40	0	10	0	0	2,315	0	0	80	80	1,800
Chain Lk.	125	5	20	0	0	75	0	0	0	0	0	0	0	10	0	0	0	0	0	235	0	0	0	0	400
Sangamon	800	40	80	75	0	150	0	300	50	0	0	0	0	10	0	0	0	0	0	1,505	0	0	30	30	900
Treadway	175	5	20	0	0	60	0	25	125	25	0	0	0	40	0	0	5	0	0	480	0	0	0	0	300
Muscooten	25	0	0	0	0	0	0	0	75	0	0	0	0	0	5	0	0	0	0	105	0	0	0	0	250
Big Prairie	3,600	75	400	275	50	400	50	450	375	100	175	80	20	75	60	0	30	0	20	6,235	0	0	0	0	4,000
Merredosia	450	15	125	350	75	225	15	200	250	80	50	15	0	60	0	0	15	0	0	1,925	0	0	0	0	1,200
Smith Lk.	75	20	50	50	0	30	0	40	25	0	0	0	0	0	0	0	0	0	0	290	0	0	0	0	175
Merredosia-Godard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL LOWER	17,095	525	3,230	3,805	720	4,090	340	3,345	5,940	1,835	2,185	580	615	1,345	710	0	270	0	195	46,825	0	0	1,995	1,995	32,725

WATERFOUL CENSUS DATA

DATE: 03/23/87

UPPER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BUT	GUT	WIG	GAD	SH	SCAUP	RN	CNVB	RI	RDY	GLD	BH	OLDS	C.MER	RB.MER	M.MER	TOT.DUCK	CG	SH.CG	GT.CG	TOT.CG	COOT
Keokuk-Neuroo	300	30	0	0	0	125	0	100	19,000	1,800	9,500	900	500	900	700	0	250	0	80	34,185	100	0	0	100	16,000
Arthur Refuge	200	5	50	75	0	0	0	150	50	0	0	0	0	0	25	0	0	0	0	555	0	0	0	0	800
Neuroo-Ft. Mad.	1,400	50	250	150	40	400	60	450	33,000	2,400	21,000	1,500	700	1,200	500	0	375	0	100	63,575	50	0	0	50	21,000
Ft. Mad.-Dallas	800	20	75	80	20	175	10	200	2,100	400	2,500	400	175	200	150	0	80	0	30	7,415	0	0	0	0	1,200
Dallas-Burl.	1,100	40	175	125	30	250	40	125	3,200	500	1,700	250	80	125	50	0	40	0	10	7,840	50	0	0	50	2,400
Turkey Slough	60	0	0	0	0	0	0	0	80	20	0	0	0	40	0	0	5	0	0	205	0	0	0	0	150
Burl.-Oquawka	650	15	30	40	0	80	0	75	500	150	275	75	25	100	75	0	20	0	20	2,130	0	0	0	0	1,800
Crystal Lk.	80	5	0	0	0	0	0	40	60	0	30	0	0	20	0	0	0	0	0	235	0	0	0	0	400
Oquawka Refuge	225	5	0	60	0	25	0	20	30	0	0	0	0	0	0	0	0	0	0	365	0	0	0	0	250
Oqu.-Keithsburg	500	25	250	100	40	200	0	125	900	225	450	150	60	200	125	0	40	0	0	3,390	125	0	0	125	1,000
Keithsburg Ref.	300	5	40	250	60	75	0	200	80	15	0	0	0	15	0	0	0	0	0	1,040	0	0	0	0	400
New Boston	50	0	0	0	0	0	0	15	125	30	25	0	0	30	0	0	5	0	0	280	0	0	0	0	150
Louisa Refuge	250	0	0	100	0	0	0	75	100	40	0	0	0	50	0	0	10	0	0	625	25	0	0	25	300
Louisa-Musc.	125	0	0	30	0	50	0	50	375	150	175	40	0	125	20	0	30	0	10	1,180	0	0	0	0	150
Musc.-Holine	375	15	60	50	0	80	0	125	150	30	75	25	0	80	0	0	10	0	0	1,075	60	0	0	60	600
TOTAL UPPER	6,415	215	930	1,060	190	1,460	110	1,750	59,750	5,760	35,750	3,340	1,540	3,110	1,620	0	865	0	250	124,095	410	0	0	410	46,600
TOTAL LOWER	6,260	285	915	2,565	585	1,490	130	3,665	3,220	1,120	1,480	375	310	1,280	305	0	315	0	95	24,395	310	0	0	310	16,450
TOTAL	12,675	500	1,845	3,625	775	2,950	240	5,415	62,970	6,880	37,210	3,715	1,850	4,390	1,925	0	1,180	0	345	148,490	720	0	0	720	63,050

WATERFOWL CENSUS DATA

DATE: 03/23/07

LOWER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BUT	QUT	WIG	GAD	SH	SCAUP	RN	CWVB	RN	GLD	BN	QUDS	C. WING	RB. WING	TOT. DUCK	CG	SH. CG	GT. CG	TOT. CG	COOT
Godar	125	5	40	80	0	0	0	75	0	0	0	0	0	10	0	0	0	335	0	0	0	0	200
Stump	275	20	150	400	100	275	30	250	60	0	0	0	0	50	0	15	0	1,645	0	0	0	0	1,000
Flat, Swan	500	30	75	175	40	150	20	125	450	150	200	150	60	150	75	0	35	2,325	50	0	0	50	1,800
Gilbert	60	0	0	30	0	0	0	15	50	0	0	0	0	10	0	0	0	165	0	0	0	0	150
Grafton-Alton	80	10	0	60	0	0	0	40	75	20	0	0	0	40	0	0	15	340	0	0	0	0	650
Hager	150	15	0	80	25	0	0	75	125	80	0	0	0	50	0	20	0	635	0	0	0	0	400
Marlas Temp	225	5	30	175	60	75	0	100	30	0	0	0	0	10	0	0	0	710	0	0	0	0	550
Dardenne	500	20	80	250	80	200	40	400	250	125	40	125	20	75	0	40	0	2,120	75	0	0	75	1,400
Culvre	275	10	40	125	30	80	0	175	60	0	0	0	0	15	0	0	0	810	0	0	0	0	500
Batch Pool	650	25	0	80	50	125	0	100	475	175	300	100	60	150	100	0	50	2,440	25	0	0	25	800
Batch Refuge	75	0	0	40	0	0	0	60	50	0	0	0	0	10	0	0	0	235	0	0	0	0	200
Gilead	40	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	60	0	0	0	0	75
Cannon Refuge	600	15	80	350	75	125	0	600	80	40	0	0	0	15	0	0	0	1,980	0	0	0	0	1,200
Duck Club	150	0	0	60	20	0	0	40	30	0	0	0	0	30	0	0	0	350	0	0	0	0	150
Calumet Refuge	80	5	0	75	0	0	0	80	0	0	0	0	0	5	0	0	0	245	0	0	0	0	325
Sny Slough	10	0	0	0	0	0	0	25	0	0	0	0	0	10	0	0	0	45	0	0	0	0	75
Delair Refuge	60	0	0	0	0	0	0	40	50	0	0	0	0	0	0	0	0	150	0	0	0	0	100
La.-Saver.	225	15	40	125	30	80	0	375	125	100	150	100	30	125	40	0	30	1,530	50	0	0	50	1,000
Shanks Refuge	800	20	250	200	75	350	40	700	60	0	25	0	0	50	0	15	0	2,585	10	0	0	10	1,500
Saver.-Hannibal	150	0	50	75	0	30	0	60	325	80	275	80	50	60	0	20	0	1,255	0	0	0	0	650
Gardner Club	80	5	0	0	0	0	0	25	0	0	0	0	0	10	0	0	0	120	0	0	0	0	125
Hannibal-Quincy	300	30	0	50	0	0	0	125	250	125	100	100	15	150	60	10	0	1,240	0	0	0	0	1,800
Quincy-Meyer	175	15	0	30	0	0	0	60	125	50	40	0	0	30	15	0	5	545	0	0	0	0	400
Gardner Refuge	125	0	0	80	0	0	0	40	30	0	0	0	0	0	0	0	0	275	0	0	0	0	100
Meyer-Keotuk	550	40	80	25	0	0	0	80	500	175	350	100	75	225	15	60	0	2,275	100	0	0	100	1,300
TOTAL LOWER	6,260	285	915	2,565	585	1,490	130	3,665	3,220	1,120	1,480	1,120	310	1,280	305	0	315	24,395	310	0	0	310	16,450

WATERFOUL CENSUS DATA

Date : 03/30/87

LEWIS ILLINOIS VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PWT	BWT	GWT	W/G	GAD	SH	SCAUP	RN	CNVB	RH	RDY	GLD	BH	OLDSD	C-MER	RB-MER	M-MER	TOT.DUCK	CG	SM-CG	GT-CG	TOT-CG	B&SG	COOT	
Turner Lk. Depue, Spring Coleman	40	5	0	150	30	0	0	80	0	0	0	0	0	0	0	0	0	0	0	305	0	0	0	0	0	200	
	175	20	40	75	0	100	0	0	30	0	0	0	0	0	20	0	0	0	0	460	0	0	0	0	0	500	
	100	5	60	100	50	0	0	150	0	0	0	0	0	0	0	0	0	0	0	465	50	0	0	50	0	250	
Bureau Ponds Goose Senachwine	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	50	
	700	25	150	350	80	300	40	500	650	275	300	80	40	75	30	0	20	0	0	20	3,635	200	0	0	200	0	3,000
	450	10	60	175	40	150	20	175	300	150	125	100	75	40	60	0	10	0	0	10	1,950	75	0	0	75	0	1,600
Siebold Sawmill Billsbach	80	5	0	100	20	0	0	80	40	0	0	0	0	0	15	0	0	0	0	0	340	0	0	0	0	0	200
	125	25	0	250	60	40	0	175	80	40	0	0	0	0	50	0	0	25	0	20	890	0	0	0	0	0	450
	60	5	0	80	10	60	0	100	125	75	0	0	0	0	30	0	0	0	0	0	545	0	0	0	0	0	600
Weis Lk. Sparland Wightman	30	0	0	125	40	0	0	60	0	0	0	0	0	0	0	0	0	0	0	0	255	0	0	0	0	0	80
	50	10	0	50	0	0	0	25	0	0	0	0	0	0	10	0	0	0	0	0	145	0	0	0	0	0	125
	125	15	0	60	15	0	0	0	50	0	0	0	0	0	40	0	0	15	0	0	320	0	0	0	0	0	50
Sawyer Hitchcock Round Pond	275	5	80	200	75	125	0	100	125	30	0	0	0	0	60	0	0	20	0	0	1,095	0	0	0	0	0	300
	400	10	150	40	0	200	15	30	250	125	100	50	0	100	25	0	30	0	10	1,535	60	0	0	60	0	800	
	150	0	0	75	0	40	0	60	0	0	0	0	0	0	15	0	0	0	0	0	340	0	0	0	0	0	250
Meadow Rice Pond Goose Pond	30	0	0	0	0	0	0	15	60	0	0	0	0	0	0	0	0	0	0	125	0	0	0	0	0	75	
	500	10	40	600	75	80	0	350	100	40	0	0	0	0	50	0	0	10	0	0	1,855	0	0	0	0	0	900
	75	0	0	0	0	0	0	125	40	60	0	0	0	0	30	0	0	5	0	0	335	0	0	0	0	0	125
Upper Peoria Lower Peoria Pekin Lk. Powerton Lk.	250	15	0	40	0	30	0	50	450	175	250	75	80	100	50	0	20	0	0	15	1,600	0	0	0	0	0	3,200
	60	0	0	0	0	0	0	20	75	40	30	0	0	0	40	0	0	10	0	10	285	0	0	0	0	0	600
	600	25	100	350	50	275	0	300	125	60	0	0	0	0	25	0	0	0	0	0	1,910	0	0	30	30	0	1,400
TOTAL UPPER TOTAL LOWER TOTAL	150	10	0	75	0	80	0	40	225	80	60	20	30	60	20	0	20	0	0	15	885	0	0	60	60	0	2,500
	4,435	200	680	2,895	545	1,480	75	12,435	2,725	11,150	865	325	225	780	185	0	185	0	100	19,285	385	0	90	475	0	17,255	
	12,575	460	1,285	6,660	1,200	2,640	195	14,990	4,310	12,340	1,625	330	435	955	575	0	210	0	185	40,970	0	0	1,470	1,470	0	59,650	
	17,010	660	1,965	9,555	1,745	4,120	270	17,425	7,035	13,490	12,490	655	660	1,735	760	0	395	0	285	60,255	385	0	11,560	1,945	0	76,905	

WATERFOOT CENSUS DATA

Date : 03/30/87

LOWER ILLINOIS VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BUT	QNT	WTG	GAD	SH	SCALP	RN	CNVB	RH	RDY	GLD	BH	OLDSS	C.MERG	RB.MER	N.MER	TOT.DUCK	CG	SH.CG	GT.CG	TOT.CG	BSSG	COOT	
Manito Ditches	250	5	0	300	60	40	0	0	0	0	0	0	0	0	0	0	0	0	0	655	0	0	0	0	0	350	
	1,900	40	150	600	100	100	0	500	350	225	150	20	0	15	0	0	0	0	0	4,150	0	0	150	150	0	4,800	
	400	20	30	350	40	75	20	200	175	300	80	0	100	50	50	0	20	0	0	1,910	0	0	75	75	0	11,000	
	650	35	75	400	80	125	0	125	60	100	150	75	30	75	30	0	15	0	20	2,045	0	0	50	50	0	2,500	
	Duck Creek C. Lk.	60	5	0	50	0	0	0	20	80	30	0	0	0	30	5	0	5	0	10	265	0	0	175	175	0	900
Banner Marsh	275	10	50	150	50	60	40	250	30	0	0	0	0	10	10	0	0	0	0	935	0	0	150	150	0	400	
	Big Lk.	450	10	0	175	40	80	0	300	350	175	100	20	10	100	60	0	30	0	30	1,930	0	0	60	60	0	900
	Goose Lk.	175	5	0	125	20	0	60	0	30	0	0	0	0	15	0	0	0	0	430	0	0	20	20	0	400	
	Clear Lk.	800	25	100	250	60	350	60	150	600	250	175	60	50	50	25	0	15	0	0	3,020	0	0	80	80	0	3,500
	Chautauque	550	40	175	175	50	200	25	250	400	500	250	40	75	75	100	0	25	0	40	2,970	0	0	40	40	0	4,200
Quiver Cr.	1,300	20	150	500	100	375	20	600	40	0	0	0	0	10	0	0	0	0	0	10	2,925	0	0	175	175	0	2,600
	Quiver Lk.	200	10	0	125	40	50	0	75	80	0	0	0	0	25	0	0	0	0	605	0	0	20	20	0	700	
	Negro Lk.	600	10	30	225	60	75	0	250	100	30	0	0	0	10	25	0	0	0	1,415	0	0	60	60	0	500	
	Bath Lk.	80	0	0	75	0	25	0	30	60	0	0	0	0	20	0	0	0	0	290	0	0	10	10	0	350	
	Grass Lk.	275	20	80	40	0	150	0	15	175	40	0	0	0	10	0	0	0	0	805	0	0	0	0	0	600	
Anderson	150	5	0	150	30	40	0	50	40	0	0	0	0	30	0	0	0	5	0	0	500	0	0	15	15	0	1,300
	Moscow	125	15	0	375	50	30	0	80	25	0	0	0	0	5	0	0	0	0	705	0	0	0	0	0	600	
	Jack Lk.	400	25	75	80	0	150	0	40	450	200	250	75	40	60	50	0	10	0	15	1,920	0	0	30	30	0	3,800
	Snicarte	75	0	0	150	60	0	0	100	0	0	0	0	0	0	0	0	0	0	385	0	0	0	0	0	225	
	Ingram Lk.	250	15	0	200	25	60	0	125	175	80	100	0	15	30	20	0	5	0	0	1,100	0	0	60	60	0	1,000
Stewart	60	0	0	40	0	0	0	50	25	0	0	0	0	10	0	0	0	0	0	185	0	0	0	0	0	150	
	Crane Lk.	500	40	150	400	60	200	30	250	325	100	175	40	75	125	150	0	40	0	30	2,660	0	0	100	100	0	6,000
	Cuba Is.	325	20	80	275	40	150	0	300	80	30	40	0	0	50	0	0	10	0	1,410	0	0	50	50	0	4,500	
	Chain Lk.	75	0	30	300	25	0	0	125	20	0	0	0	0	10	0	0	0	0	585	0	0	15	15	0	900	
	Sangamon	600	30	0	175	50	80	0	250	50	0	0	0	0	0	0	0	0	0	1,235	0	0	75	75	0	400	
Treadway	175	10	0	150	20	0	0	100	175	60	75	0	10	30	0	0	0	5	0	0	810	0	0	0	0	0	1,500
	Muscooten	15	0	0	0	0	0	20	30	0	0	0	0	0	10	0	0	0	0	75	0	0	0	0	0	175	
	Big Prairie	1,400	25	80	450	60	125	0	375	125	40	30	0	0	25	0	0	0	0	2,735	0	0	20	20	0	1,800	
	Mercedosa	400	20	30	300	80	100	0	400	250	150	50	0	30	75	50	0	25	0	20	1,980	0	0	40	40	0	3,200
	Saith Lk.	60	0	0	75	0	0	0	100	40	0	0	0	0	0	0	0	0	0	275	0	0	0	0	0	400	
Mercedosa-Godar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
TOTAL LOWER	12,575	460	1,285	6,660	1,200	2,640	195	14,990	4,310	12,340	11,625	330	435	955	575	0	210	0	185	40,970	0	0	1,470	1,470	0	59,650	

WATERFOAM CENSUS DATA

DATE: 03/30/87

UPPER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PMT	BUT	GUT	WIG	GAD	SN	SCAUP	RN	CNVB	RH	RDY	GLD	BR	JOIDS	C-MER	RB-MER	N-MER	TOT.DUCK	CG	SH-CG	GT-CG	TOT-CG	B&SG	COOT
Kokuk-Mauvo	200	10	0	0	0	0	0	80	8,500	1,100	6,800	800	250	350	175	0	80	0	25	18,370	60	0	0	60	0	7,500
Arthur Refuge	100	5	0	175	30	0	0	250	0	0	0	0	0	0	0	0	0	0	0	560	0	0	0	0	0	600
Mauvo-Ft. Mad.	650	30	80	400	80	125	30	400	17,000	1,600	9,500	1,000	400	500	100	0	50	0	40	31,985	40	0	0	40	0	11,000
Ft. Mad.-Dallas	325	40	125	275	50	250	0	275	1,500	350	800	150	125	100	40	0	15	0	10	4,430	0	0	0	0	0	1,200
Dallas-Burl.	200	15	30	150	20	75	0	150	800	200	350	75	40	60	50	0	30	0	0	2,245	0	0	0	0	0	650
Turkey Slough	40	0	0	0	0	0	0	0	80	0	0	0	0	10	0	0	0	0	0	130	0	0	0	0	0	75
Burl.-Oquaka	450	30	100	100	20	50	25	250	475	275	500	125	25	50	40	0	50	0	0	2,565	0	0	0	0	0	375
Crystal Lk.	80	5	0	60	0	0	0	80	30	0	0	0	0	0	0	0	0	0	0	255	0	0	0	0	0	100
Oquaka Refuge	75	10	0	0	0	0	0	30	60	15	0	0	0	0	0	0	0	0	0	190	0	0	0	0	0	250
Oqu.-Keithsburg	800	50	50	175	30	125	60	150	650	200	325	80	60	75	80	0	20	0	0	2,930	0	0	0	0	0	900
Keithsburg Ref.	150	10	0	250	50	30	0	100	50	0	0	0	0	0	0	0	0	0	0	640	0	0	0	0	0	100
New Boston	40	0	0	0	0	0	0	20	125	30	40	0	0	15	0	0	15	0	0	285	0	0	0	0	0	275
Louisa Refuge	500	15	50	200	40	200	15	350	75	40	50	0	0	50	0	0	10	0	0	1,595	0	0	0	0	0	800
Louisa-Musc.	175	25	40	80	0	125	0	60	250	75	150	40	25	60	25	0	30	0	0	1,160	0	0	0	0	0	400
Musc.-Moline	300	15	0	40	0	75	0	30	425	100	275	60	0	125	50	0	25	0	40	1,560	0	0	0	0	0	650
TOTAL UPPER	4,085	260	475	1,905	320	1,055	130	2,225	30,020	3,985	18,790	2,330	925	1,395	560	0	325	0	115	48,900	100	0	0	100	0	24,875
TOTAL LOWER	4,915	300	795	4,450	1,015	1,355	190	4,935	3,940	1,215	1,835	685	325	795	310	0	150	0	110	27,320	225	0	0	225	0	28,480
TOTAL	9,000	560	1,270	6,355	1,335	2,410	320	7,160	33,960	5,200	20,625	3,015	1,250	2,190	870	0	475	0	225	96,220	325	0	0	325	0	53,355

WATERFOAM CENSUS DATA

DATE: 03/30/87

LOWER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PWT	BUT	GNT	WIG	GAD	SH	SCUP	RH	ENVB	RH	RDY	GLD	BH	TOLDS	C-MERG	RB-MER	HL-MER	TOT-DUCK	CG	SN-CG	TOT-CG	TOT-CG	BASG	COOT
Godar	75	0	0	150	50	0	0	175	0	0	0	0	0	15	0	0	0	0	0	465	0	0	0	0	0	300
Stump	250	10	50	500	125	150	0	400	0	0	0	0	0	30	0	0	0	0	0	1,515	0	0	0	0	0	1,600
Flat, Swan	600	25	75	300	75	100	20	600	175	80	60	40	15	60	50	0	10	0	0	2,285	0	0	0	0	0	2,500
Gilbert	60	0	0	80	20	0	0	75	30	0	0	0	0	10	0	0	0	0	0	275	0	0	0	0	0	250
Grafton-Alton	80	5	0	125	50	30	0	50	80	30	0	0	0	40	0	0	15	0	0	505	0	0	0	0	0	600
Hager	125	20	0	0	0	60	0	40	30	0	0	0	0	10	0	0	0	0	0	285	0	0	0	0	0	400
Marlas Temp	100	10	30	200	75	80	0	150	50	0	0	0	0	5	0	0	0	0	0	700	0	0	0	0	0	800
Dardenne	500	30	175	500	100	200	40	800	125	50	50	0	0	30	15	0	5	0	20	2,640	75	0	0	75	0	3,200
Cuivre	175	5	50	200	50	30	0	350	40	0	0	0	0	10	0	0	0	0	0	910	0	0	0	0	0	1,800
Batch Pool	275	35	60	375	80	150	25	400	375	175	250	80	40	75	30	0	30	0	15	2,470	40	0	0	40	0	2,900
Batch Refuge	80	5	0	0	0	25	0	150	60	0	0	0	0	20	0	0	0	0	0	340	0	0	0	0	0	600
Gilead	40	0	0	25	0	0	0	25	0	0	0	0	0	0	0	0	0	0	0	90	0	0	0	0	0	250
Cannon Refuge	400	15	40	600	150	80	0	500	50	0	0	0	0	15	0	0	0	0	0	1,850	0	0	0	0	0	2,800
Duck Club	60	0	0	75	0	0	0	60	0	0	0	0	0	5	0	0	0	0	0	200	0	0	0	0	0	175
Calumet Refuge	80	10	0	125	0	0	0	150	0	0	0	0	0	0	0	0	0	0	0	365	0	0	0	0	0	500
Sny Slough	15	0	0	0	0	0	0	25	0	0	0	0	0	0	0	0	0	0	0	40	0	0	0	0	0	100
DeLair Refuge	50	0	0	100	30	0	0	150	40	0	0	0	0	20	0	0	0	0	0	390	0	0	0	0	0	300
Le.-Saver.	175	15	80	175	50	100	15	80	375	150	200	125	80	100	50	0	20	0	20	1,810	60	0	0	60	0	900
Shanks Refuge	600	25	50	400	80	150	0	400	80	0	0	0	0	30	0	0	0	0	0	1,815	0	0	0	0	0	2,500
Saver.-Hannibal	80	5	0	75	0	0	0	30	125	80	125	40	0	50	20	0	15	0	0	645	0	0	0	0	0	1,300
Gardner Club	20	0	0	40	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	65	0	0	0	0	0	75
Hannibal-Quincy	225	15	0	125	30	0	0	60	250	100	75	50	15	25	40	0	5	0	0	1,015	0	0	0	0	0	550
Quincy-Meyer	375	40	60	200	50	125	40	175	425	150	275	100	125	150	80	0	30	0	40	2,440	50	0	0	50	0	1,700
Gardner Refuge	75	5	0	0	0	0	0	30	30	0	0	0	0	10	0	0	0	0	0	150	0	0	0	0	0	80
Meyer-Keotuk	400	25	125	80	0	75	50	60	1,600	400	800	250	50	80	25	0	20	0	15	4,055	0	0	0	0	0	2,300
TOTAL LOWER	4,915	300	795	4,450	1,015	1,355	190	14,935	3,940	1,215	1,835	685	325	795	310	0	150	0	110	27,320	225	0	0	225	0	28,480

WATERFOWL CENSUS DATA

Date : 04/06/87

UPPER ILLINOIS VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BWT	GWT	WIG	GAD	SH	SCAUP	RM	CHVB	RM	ROY	GLD	BH	C-MER	RB-MER	H-MER	TOT. DUCK	CG	SH-CG	GT-CG	TOT. CG	BESG	COOT
Turner Lk.	15	0	0	60	0	0	0	40	0	0	0	0	0	0	0	0	0	0	115	0	0	0	0	0	75
Depeue, Spring	150	5	0	275	30	40	0	150	50	0	0	0	0	15	0	0	0	0	715	0	0	0	0	0	250
Coleman	60	15	0	125	50	60	0	75	0	0	20	0	0	25	0	0	0	0	430	0	0	0	0	0	400
Bureau Ponds	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	25
Goose	500	25	75	500	50	175	30	450	350	80	125	50	50	60	20	15	0	10	2,515	100	0	0	100	0	1,200
Senachwine	175	5	50	250	40	80	15	200	125	175	200	80	15	30	40	10	0	0	1,490	30	0	0	30	0	800
Siebold	75	0	0	100	0	0	0	80	60	0	0	0	0	20	0	0	0	0	335	0	0	0	0	0	150
Sawmill	150	10	0	175	0	30	0	150	40	0	20	0	0	15	0	0	0	0	590	0	0	0	0	0	80
Billsbach	60	0	0	125	20	40	0	50	50	60	0	0	0	10	0	0	0	0	415	0	0	0	0	0	250
Weis Lk.	10	0	0	50	0	0	0	75	0	0	0	0	0	25	0	0	0	0	160	0	0	0	0	0	50
Sparland	30	0	0	200	0	0	0	125	0	0	0	0	0	0	0	0	0	0	355	0	0	0	0	0	300
Wightman	15	0	0	30	0	0	0	0	25	0	0	0	0	5	0	0	0	0	75	0	0	0	0	0	75
Sayer	200	20	50	350	60	80	0	275	100	0	50	0	0	30	0	15	0	15	1,245	0	0	0	0	0	150
Kitchcock	375	5	0	60	0	0	0	100	250	100	80	25	30	60	10	30	0	20	1,145	0	0	0	0	0	800
Round Pond	150	15	0	125	20	0	0	75	40	0	0	0	0	15	0	0	0	0	440	0	0	0	0	0	350
Meadow	25	0	0	0	0	0	0	50	25	0	0	0	0	25	0	0	0	0	125	0	0	0	0	0	175
Rice Pond	400	20	80	550	80	100	0	450	175	80	100	0	0	50	0	10	0	0	2,095	0	0	0	0	0	600
Goose Pond	75	0	0	0	0	0	0	40	80	30	0	0	0	10	0	0	0	0	235	0	0	0	0	0	60
Upper Peoria	250	10	0	175	40	0	0	75	400	150	225	60	50	75	25	20	0	10	1,565	0	0	0	0	0	1,300
Lower Peoria	50	0	0	30	0	0	0	50	60	0	30	0	0	20	0	0	0	0	240	0	0	5	5	0	250
Pekin Lk.	325	10	25	350	60	75	0	350	30	30	0	0	0	5	0	0	0	0	1,260	0	0	20	20	0	800
Powerton Lk.	100	5	0	125	20	0	0	175	50	0	0	0	0	20	0	10	0	0	505	0	0	40	40	0	1,600
TOTAL UPPER	3,200	145	280	3,655	470	680	45	3,035	1,910	705	850	215	95	515	95	110	0	55	16,060	130	0	65	195	0	9,740
TOTAL LOWER	12,055	305	605	8,385	895	2,375	100	8,400	2,795	800	725	125	60	910	175	230	10	100	39,050	0	0	890	890	0	29,275
TOTAL	15,255	450	885	12,040	1,365	3,055	145	11,435	4,705	1,505	11,575	340	155	1,425	270	340	10	155	55,110	130	0	955	1,085	0	39,015

WATERFOUL CENSUS DATA

Date : 04/06/87

LOWER ILLINOIS VALLEY

Robert Crompton

LOCATION	HALLARD	BLK	PMT	BUT	GWT	WTG	GAD	SH	SCAUP	RM	CNVB	RH	RDY	GLD	BH	IC-MERG	RB-MER	H-MER	TOT-DUCK	CG	SK-CG	GT-CG	TOT-CG	B2SG	COOT
Manito Ditches	175	0	0	150	0	80	0	75	0	0	0	0	0	0	0	0	0	0	480	0	0	0	0	0	350
Spoon Riv. Btms.	1,600	30	40	600	75	200	20	700	175	30	50	0	0	25	10	0	0	0	3,555	0	0	80	80	0	2,500
Spring Lk.	650	10	0	300	50	175	0	500	125	40	0	0	0	30	0	5	0	0	1,885	0	0	25	25	0	3,200
Rice Lk.	400	20	60	650	60	80	0	350	80	20	60	0	20	60	10	15	0	10	1,895	0	0	40	40	0	1,800
Duck Creek C. Lk.	40	0	0	60	0	0	0	80	25	0	0	0	0	10	0	0	0	0	215	0	0	50	50	0	150
Banner Marsh	350	10	80	275	25	40	20	275	40	0	0	0	0	10	0	0	0	0	1,125	0	0	125	125	0	600
Big Lk.	700	30	0	400	80	125	10	200	400	125	80	30	0	75	0	25	0	15	2,295	0	0	60	60	0	800
Goose Lk.	80	5	0	175	0	40	0	125	60	20	40	0	0	10	0	0	0	0	555	0	0	0	0	0	400
Clear Lk.	800	20	100	700	100	125	0	800	150	30	100	20	10	80	30	15	0	20	3,100	0	0	40	40	0	1,700
Chautauqua	300	5	0	450	75	80	0	600	125	80	30	0	0	50	60	50	10	10	1,925	0	0	80	80	0	2,800
Quiver Cr.	1,500	30	30	600	50	250	0	500	50	15	0	0	0	20	0	0	0	0	3,045	0	0	125	125	0	600
Quiver Lk.	80	0	0	225	30	0	0	150	25	0	0	0	0	30	0	0	0	0	540	0	0	15	15	0	300
Megro Lk.	900	10	20	400	40	80	0	350	275	40	20	15	0	10	0	0	0	0	2,160	0	0	50	50	0	700
Bath Lk.	40	0	0	60	0	0	0	175	30	0	0	0	0	5	0	0	0	0	310	0	0	0	0	0	125
Grass Lk.	250	15	60	80	0	50	0	50	0	0	0	0	0	10	0	0	0	0	515	0	0	0	0	0	200
Anderson	125	5	0	100	25	40	0	100	50	0	0	0	0	20	0	0	0	0	465	0	0	25	25	0	900
Moscow	75	0	0	250	30	40	0	75	0	0	0	0	0	0	0	0	0	0	470	0	0	0	0	0	350
Jack Lk.	250	5	0	175	0	100	0	125	75	20	50	0	0	60	0	10	0	0	870	0	0	15	15	0	1,200
Snicarte	50	0	0	125	20	0	0	150	0	0	0	0	0	10	0	0	0	0	355	0	0	0	0	0	400
Ingram Lk.	175	5	0	150	0	40	0	100	30	0	0	0	0	40	0	15	0	0	555	0	0	30	30	0	600
Stewart	60	0	0	80	0	0	0	40	0	0	0	0	0	10	0	0	0	0	190	0	0	0	0	0	250
Crane Lk.	600	15	50	600	60	175	0	500	150	50	80	20	30	75	40	25	0	15	2,485	0	0	30	30	0	1,500
Cuba Is.	350	10	40	450	50	200	30	700	80	0	40	0	0	50	10	10	0	0	2,020	0	0	50	50	0	2,100
Chain Lk.	100	0	0	175	0	80	0	125	0	0	0	0	0	20	0	0	0	0	500	0	0	10	10	0	400
Sanganon	500	25	0	80	0	50	0	75	0	0	0	0	0	30	0	0	0	0	760	0	0	40	40	0	600
Treadway	300	0	75	0	0	100	0	250	50	0	0	0	0	10	0	0	0	0	785	0	0	0	0	0	175
Muscooten	15	0	0	0	0	0	0	0	25	0	0	0	0	15	0	0	0	0	55	0	0	0	0	0	300
Big Prairie	900	40	50	550	75	150	20	800	250	80	125	40	0	60	15	20	0	20	3,195	0	0	0	0	0	1,800
Meredosia	650	15	0	400	50	75	0	350	500	250	50	0	0	80	0	40	0	10	2,470	0	0	0	0	0	2,300
Smith Lk.	40	0	0	125	0	0	0	80	25	0	0	0	0	5	0	0	0	0	275	0	0	0	0	0	175
Meredosia-Godard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOWER	12,055	305	605	8,365	895	2,375	100	8,400	2,795	800	725	125	60	910	175	230	10	100	39,050	0	0	890	890	0	29,275

WATERFOUL CENSUS DATA

DATE: 04/06/87

UPPER MISSISSIPPI VALLEY

Robert Groompton

LOCATION	MALLARD	BLK	PHT	BUT	GUT	WIG	GAD	SH	SCAUP	RN	CHVB	RH	RDY	GLD	BH	C-MER	RB-MER	HB-MER	TOT.DUCK	CG	SM.CG	GT.CG	TOT.CG	B&SG	COOT
Keokuk-Mauvo	400	25	0	75	0	80	0	400	10,000	900	4,200	500	150	200	275	75	0	30	17,310	0	0	0	0	0	5,500
Arthur Refuge	150	0	0	125	0	0	0	250	75	0	0	0	0	0	0	0	0	0	600	0	0	0	0	0	400
Mauvo-Ft. Mad.	900	40	75	550	75	175	50	600	19,000	1,200	6,800	800	75	125	100	50	0	50	30,665	0	0	0	0	0	9,000
Ft. Mad.-Dallas	350	10	40	225	50	100	0	125	700	275	600	125	30	60	20	10	0	0	2,720	30	0	0	30	0	800
Dallas-Burl.	175	5	125	150	0	200	30	80	450	125	275	75	50	80	60	30	0	0	1,910	60	0	0	60	0	550
Turkey Slough	30	0	0	0	0	0	0	0	40	0	0	0	0	15	0	0	0	0	85	0	0	0	0	0	80
Burl.-Oquawka	250	15	0	100	0	40	0	125	600	175	125	50	0	40	15	10	0	0	1,545	0	0	0	0	0	650
Crystal Lk.	125	5	0	80	0	0	0	100	0	0	0	0	0	0	0	0	0	0	310	0	0	0	0	0	250
Oquawka Refuge	80	0	0	50	0	0	0	60	0	0	0	0	0	0	0	0	0	0	190	0	0	0	0	0	125
Oqu.-Keithsburg	475	25	60	75	0	125	0	150	800	225	450	125	80	125	50	50	0	25	2,840	0	0	0	0	0	900
Keithsburg Ref.	200	5	0	275	30	40	0	100	50	0	0	0	0	15	0	0	0	0	715	0	0	0	0	0	350
New Boston	60	0	0	0	0	0	0	20	80	20	0	0	0	30	0	10	0	0	220	0	0	0	0	0	175
Louisa Refuge	150	5	0	350	40	50	0	275	60	0	0	0	0	15	0	0	0	0	945	0	0	0	0	0	250
Louisa-Musc.	275	5	40	80	0	75	0	150	375	100	175	30	0	80	15	20	0	0	1,420	25	0	0	25	0	300
Musc.-Moline	400	15	50	125	0	125	0	100	450	175	250	80	15	30	10	10	0	0	1,835	0	0	0	0	0	425
TOTAL UPPER	4,020	155	390	2,260	195	1,010	80	2,535	32,680	3,195	12,875	1,785	400	815	545	265	0	105	63,310	115	0	0	115	0	19,755
TOTAL LOWER	6,040	210	415	5,410	925	1,530	100	5,790	2,920	1,355	875	265	265	825	125	215	0	170	27,415	0	0	0	0	0	16,750
TOTAL	10,060	365	805	7,670	1,120	2,540	180	8,325	35,600	4,550	13,750	2,050	665	1,640	670	480	0	275	90,725	115	0	0	115	0	36,505

WATERFOOL CENSUS DATA

DATE: 04/06/87

LOWER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	HALLARD	BLK	PNT	BUT	GAT	WIG	GAD	SH	SCAUP	BN	CWVB	BH	RDY	GLD	BH	C-MERG	RB-MER	W-MER	TOT-DUCK	CG	SH-CG	GT-CG	TOT-CG	BESC	COOT
Godard	60	0	0	175	50	0	0	80	0	0	0	0	0	0	0	0	0	0	365	0	0	0	0	0	200
Stump	150	10	0	450	80	75	0	300	0	0	0	0	0	20	0	0	0	0	1,085	0	0	0	0	0	1,000
Flat, Swan	450	25	80	700	100	150	0	700	125	75	0	0	0	50	0	10	0	0	2,465	0	0	0	0	0	1,800
Gilbert	30	0	0	80	0	0	0	50	0	0	0	0	0	0	0	0	0	0	160	0	0	0	0	0	175
Grafton-Alton	75	0	0	175	30	0	0	125	0	0	0	0	0	40	0	0	0	0	445	0	0	0	0	0	350
Nager	125	5	0	225	50	30	0	175	0	0	0	0	0	10	0	0	0	0	620	0	0	0	0	0	100
Marias Temp	60	0	0	125	80	0	0	250	30	0	0	0	0	10	0	0	0	0	555	0	0	0	0	0	400
Dardenne	450	10	125	500	100	275	40	600	60	0	0	0	0	40	0	20	0	10	2,230	0	0	0	0	0	1,500
Cuivre	275	35	50	375	60	150	20	450	80	100	0	0	0	15	0	5	0	0	1,615	0	0	0	0	0	900
Batch Pool	125	20	0	175	50	60	0	275	375	175	150	40	0	80	0	30	0	20	1,575	0	0	0	0	0	350
Batch Refuge	80	0	0	250	30	0	0	125	50	0	0	0	0	30	0	0	0	0	565	0	0	0	0	0	200
Gilead	30	0	0	80	0	0	0	50	0	0	0	0	0	10	0	0	0	0	170	0	0	0	0	0	75
Cannon Refuge	500	15	0	450	75	125	0	600	60	0	0	0	0	75	40	10	0	30	1,980	0	0	0	0	0	1,000
Duck Club	60	0	0	75	0	0	0	40	0	0	0	0	0	10	0	0	0	0	195	0	0	0	0	0	100
Calumet Refuge	150	5	0	150	0	30	0	80	25	0	0	0	0	0	0	0	0	0	440	0	0	0	0	0	400
Sny Slough	10	0	0	0	0	0	0	15	15	0	0	0	0	0	0	0	0	0	40	0	0	0	0	0	125
Delair Refuge	80	0	0	50	0	0	0	75	50	0	0	0	0	5	0	0	0	0	260	0	0	0	0	0	200
La-Saver	125	10	0	175	40	50	0	150	375	125	60	50	30	60	50	15	0	20	1,335	0	0	0	0	0	800
Shanks Refuge	2,000	25	100	600	100	350	40	800	250	100	40	0	0	80	20	25	0	50	4,580	0	0	0	0	0	2,800
Saver--Hannibal	275	5	0	150	0	30	0	175	425	250	150	75	80	100	10	40	0	10	1,775	0	0	0	0	0	500
Gardner Club	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0	0	0	0	0	125
Hannibal-Quincy	100	0	0	60	0	0	0	125	275	80	75	0	0	40	0	15	0	0	770	0	0	0	0	0	700
Quincy-Meyer	425	15	0	125	50	80	0	350	125	175	50	0	40	125	30	40	0	30	1,660	0	0	0	0	0	1,200
Gardner Refuge	75	0	0	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	115	0	0	0	0	0	150
Meyer-Keokuk	300	30	60	225	30	125	0	200	600	275	350	100	20	60	15	5	0	0	2,395	0	0	0	0	0	1,600
TOTAL LOWER	6,040	210	415	5,410	925	1,530	100	5,790	2,920	1,355	875	265	245	825	125	215	0	170	27,415	0	0	0	0	0	16,750

WATERFOAL CENSUS DATA

Date : 06/16/87

UPPER ILLINOIS VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PWT	BWT	GWT	WIG	GAD	SH	SCALP	RN	CRVB	RM	ROY	GLD	BN	H-MER	TOT DUCK	CG	SM CG	TOT CG	BESC	COOT
Turner Lk.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Depue, Spring	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coleman	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bureau Ponds	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Goose	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Senachwine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stebold	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saunill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Billsbach	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weis Lk.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spartland	10	0	0	60	0	0	0	50	0	0	0	0	0	0	0	0	120	0	0	0	0	0
Wightman	15	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	35	0	0	0	0	50
Sawyer	100	5	0	150	0	0	0	75	0	0	0	0	0	0	0	0	330	0	0	0	0	75
Hitchcock	40	0	0	75	0	0	0	50	0	0	0	0	0	0	0	0	165	0	0	0	0	125
Round Pond	5	0	0	175	30	0	0	80	0	0	0	0	0	0	0	0	290	0	0	0	0	200
Meadow	300	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	320	0	0	0	0	50
Rice Pond	30	10	0	400	60	0	0	250	0	0	0	0	0	0	0	0	750	0	0	0	0	400
Goose Pond	75	0	0	0	0	0	0	40	50	0	0	0	0	0	0	0	165	0	0	0	0	75
Upper Peoria	25	0	0	125	0	0	0	80	175	40	0	0	0	20	0	0	465	0	0	0	0	600
Lower Peoria	150	0	0	50	0	0	0	30	40	0	0	0	0	0	0	0	270	0	15	15	0	150
Pekin Lk.	60	0	0	275	40	0	0	350	0	0	0	0	0	0	0	0	725	0	25	25	0	350
Powerton Lk.	0	0	0	150	0	50	0	175	60	0	0	0	0	10	0	0	445	0	40	40	0	500
TOTAL UPPER	810	15	0	1,460	130	50	0	11,220	325	40	0	0	0	30	0	0	4,080	0	80	80	0	2,700
TOTAL LOWER	4,315	60	65	4,830	395	235	0	14,995	525	45	75	0	0	75	0	0	15,615	0	420	420	0	9,175
TOTAL	5,125	75	65	6,290	525	285	0	16,215	850	85	75	0	0	105	0	0	19,695	0	500	500	0	11,875

NO CENSUS - FOG

WATERFOAL CENSUS DATA

Date : 04/16/87

LOWER ILLINOIS VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BWT	GWT	MIG	GAD	SH	SCAUP	RN	CNVB	RH	RDY	GLD	BK	M.MER	TOT.DUCK	CG	SH.CG	GT.CG	TOT.CG	B&SG	COOT
Manito Ditches	125	0	0	80	0	0	0	0	0	0	0	0	0	0	0	0	205	0	0	0	0	0	350
Spoon Riv. Bme.	600	15	0	300	75	40	0	600	50	0	0	0	0	0	0	0	1,680	0	0	70	70	0	800
Spring Lk.	250	5	20	200	40	0	0	200	60	0	0	0	0	0	0	0	775	0	0	0	0	0	1,300
Rice Lk.	300	5	0	500	60	30	0	350	80	20	0	0	0	0	0	0	1,345	0	0	25	25	0	600
Duck Creek C. Lk.	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0	0	20	20	0	75
Banner Marsh	100	0	0	250	25	50	0	225	15	0	0	0	0	0	0	0	665	0	0	60	60	0	225
Big Lk.	175	0	0	50	0	20	0	175	0	0	0	0	0	0	0	0	420	0	0	30	30	0	450
Goose Lk.	40	0	0	75	0	0	0	80	0	0	0	0	0	0	0	0	195	0	0	15	15	0	50
Clear Lk.	500	10	15	350	75	40	0	500	75	0	35	0	0	10	0	0	1,610	0	0	50	50	0	500
Chautauqua	150	0	0	200	40	15	0	250	30	0	0	0	0	30	0	0	715	0	0	10	10	0	700
Quiver Cr.	375	5	0	400	60	25	0	125	0	0	0	0	0	0	0	0	990	0	0	40	40	0	350
Quiver Lk.	10	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0	40	0	0	5	5	0	50
Negro Lk.	150	0	0	175	20	15	0	350	50	0	0	0	0	0	0	0	760	0	0	25	25	0	600
Bath Lk.	10	0	0	40	0	0	0	0	0	0	0	0	0	0	0	0	50	0	0	0	0	0	50
Grass Lk.	40	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	60	0	0	0	0	0	25
Anderson	75	0	0	50	0	0	0	40	0	0	0	0	0	0	0	0	165	0	0	0	0	0	250
Moscow	10	0	0	75	0	0	0	0	0	0	0	0	0	0	0	0	85	0	0	0	0	0	80
Jack Lk.	80	0	0	125	0	0	0	80	30	0	0	0	0	10	0	0	325	0	0	5	5	0	175
Snicarte	25	0	0	80	0	0	0	50	0	0	0	0	0	0	0	0	155	0	0	0	0	0	30
Ingram Lk.	50	0	0	175	0	0	0	100	0	0	0	0	0	0	0	0	325	0	0	15	15	0	100
Stewart	10	0	0	20	0	0	0	15	0	0	0	0	0	0	0	0	45	0	0	0	0	0	20
Crane Lk.	350	5	30	400	0	0	0	275	80	25	40	0	0	25	0	0	1,230	0	0	20	20	0	350
Cuba Is.	200	0	0	275	0	0	0	400	15	0	0	0	0	0	0	0	890	0	0	30	30	0	600
Chain Lk.	40	0	0	100	0	0	0	80	0	0	0	0	0	0	0	0	220	0	0	0	0	0	75
Sangamon	80	0	0	50	0	0	0	30	0	0	0	0	0	0	0	0	160	0	0	0	0	0	200
Treadway	25	0	0	175	0	0	0	125	0	0	0	0	0	0	0	0	325	0	0	0	0	0	50
Muscooten	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	80
Big Prairie	325	15	0	250	0	0	0	500	40	0	0	0	0	0	0	0	1,130	0	0	0	0	0	700
Mercedosia	175	0	0	375	0	0	0	400	0	0	0	0	0	0	0	0	950	0	0	0	0	0	300
Smith Lk.	10	0	0	30	0	0	0	25	0	0	0	0	0	0	0	0	65	0	0	0	0	0	40
Mercedosia-Godard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOWER	4,315	60	65	4,830	395	235	0	14,995	525	45	75	0	0	75	0	0	15,615	0	0	420	420	0	9,175

WATERFOWL CENSUS DATA

DATE: 04/16/87

UPPER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PMT	BUT	GUT	WIG	GAD	SH	SCAUP	RN	CNVB	RH	RDY	GLD	BH	M-MER	TOT.DUCK	CG	SM.CG	GT.CG	TOT.CG	BSSG	COOT
Keokuk-Mauvo	75	0	0	50	0	0	0	300	600	75	100	0	0	40	0	0	1,240	0	0	0	0	0	1,200
Arthur Refuge	50	0	0	150	0	0	0	500	0	0	0	0	0	0	0	0	700	0	0	0	0	0	250
Mauvo-Ft. Mad.	250	10	0	400	50	40	0	250	1,400	250	350	50	0	80	0	0	3,145	0	0	0	0	0	2,300
Ft. Mad.-Dallas	100	0	0	275	30	0	0	200	175	30	40	0	0	0	0	0	850	0	0	0	0	0	300
Dallas-Burl.	60	0	0	125	0	0	0	75	80	0	0	0	0	0	0	0	340	0	0	0	0	0	150
Turkey Slough	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Burl.-Oquawka	80	15	0	60	20	0	0	50	275	50	0	0	0	15	0	0	565	0	0	0	0	0	350
Crystal Lk.	25	0	0	40	0	0	0	20	0	0	0	0	0	0	0	0	85	0	0	0	0	0	75
Oquawka Refuge	40	0	0	50	0	0	0	35	0	0	0	0	0	0	0	0	125	0	0	0	0	0	80
Oqu.-Keithsburg	80	0	0	225	40	20	0	150	125	0	0	0	0	10	0	0	650	0	0	0	0	0	200
Keithsburg Ref.	50	0	0	75	0	0	0	40	0	0	0	0	0	0	0	0	165	0	0	0	0	0	150
New Boston	20	0	0	0	0	0	0	15	60	0	0	0	0	0	0	0	95	0	0	0	0	0	40
Louisa Refuge	75	0	0	200	0	0	0	80	0	0	0	0	0	0	0	0	355	0	0	0	0	0	300
Louisa-Musc.	40	0	0	60	0	0	0	30	150	0	0	0	0	5	0	0	285	0	0	0	0	0	125
Musc.-Moline	50	5	0	100	0	0	0	60	75	40	50	0	0	0	0	0	380	0	0	0	0	0	75
TOTAL UPPER	995	30	0	1,810	140	60	0	1,805	2,940	445	540	50	0	150	0	0	8,980	0	0	0	0	0	5,595
TOTAL LOWER	2,175	45	0	2,215	240	70	0	2,300	610	95	40	0	0	60	0	0	7,850	0	0	0	0	0	150
TOTAL	3,170	75	0	4,025	380	130	0	4,105	3,550	540	580	50	0	210	0	0	16,830	0	0	0	0	0	5,745

WATERFOUL CENSUS DATA

DATE: 04/16/87

LOWER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	HALLARD	BLK	PWT	BWT	GWT	W/G	GAD	SH	SCAUP	RN	CNVB	RH	ROY	GLD	BH	N-MER	TOT-DUCK	CG	SM-CG	GT-CG	TOT. CG	BASG	COOT
Godar	20	0	0	50	0	0	0	30	0	0	0	0	0	0	0	0	100	0	0	0	0	0	50
	80	0	0	175	50	0	0	175	0	0	0	0	0	0	0	0	480	0	0	0	0	0	400
Flat, Swan Gilbert	200	5	0	225	0	0	0	250	0	0	0	0	0	0	0	0	680	0	0	0	0	0	500
	15	0	0	20	0	0	0	30	0	0	0	0	0	0	0	0	65	0	0	0	0	0	30
Grafton-Alton Hager	40	0	0	50	0	0	0	75	0	0	0	0	0	0	0	0	165	0	0	0	0	0	100
	25	0	0	30	0	0	0	40	0	0	0	0	0	0	0	0	95	0	0	0	0	0	50
Marias Temp Dardenne	50	0	0	75	20	0	0	60	0	0	0	0	0	0	0	0	205	0	0	0	0	0	75
	250	15	0	200	80	0	0	250	30	0	0	0	0	0	0	0	825	0	0	0	0	0	250
Cuivre Batch Pool	80	0	0	125	0	0	0	100	0	0	0	0	0	0	0	0	305	0	0	0	0	0	100
	50	0	0	60	0	0	0	60	50	0	0	0	0	10	0	0	230	0	0	0	0	0	350
Batch Refuge Gilead	30	0	0	50	0	0	0	25	0	0	0	0	0	0	0	0	105	0	0	0	0	0	60
	10	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	25	0	0	0	0	0	30
Cannon Refuge Duck Club	400	10	0	350	60	30	0	350	40	0	0	0	0	0	0	0	1,240	0	0	0	0	0	600
	20	0	0	40	0	0	0	15	0	0	0	0	0	0	0	0	75	0	0	0	0	0	50
Callumet Refuge Sny Slough	40	0	0	75	0	0	0	50	0	0	0	0	0	0	0	0	165	0	0	0	0	0	125
	5	0	0	0	0	0	0	25	0	0	0	0	0	0	0	0	30	0	0	0	0	0	30
Delair Refuge La.-Saver.	25	0	0	25	0	0	0	60	0	0	0	0	0	0	0	0	110	0	0	0	0	0	80
	75	0	0	100	0	40	0	125	125	30	0	0	0	15	0	0	510	0	0	0	0	0	275
Shanks Refuge Saver.-Hannibal	500	15	0	275	30	0	0	300	75	0	0	0	0	0	0	0	1,195	0	0	0	0	0	700
	50	0	0	60	0	0	0	50	50	0	0	0	0	10	0	0	220	0	0	0	0	0	150
Gardner Club Hannibal-Quincy	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	30
	25	0	0	0	0	0	0	75	30	0	0	0	0	0	0	0	130	0	0	0	0	0	325
Quincy-Meyer Gardner Refuge	80	0	0	125	0	0	0	100	60	40	0	0	0	0	0	0	405	0	0	0	0	0	175
	40	0	0	30	0	0	0	15	0	0	0	0	0	0	0	0	85	0	0	0	0	0	60
Meyer-Kookuk	60	0	0	75	0	0	0	25	150	25	40	0	0	25	0	0	400	0	0	0	0	0	450
TOTAL LOWER	2,175	45	0	2,215	240	70	0	2,300	610	95	40	0	0	60	0	0	7,850	0	0	0	0	0	150
																							30